COGNACY DESIGN

UI Design Project Portfolio

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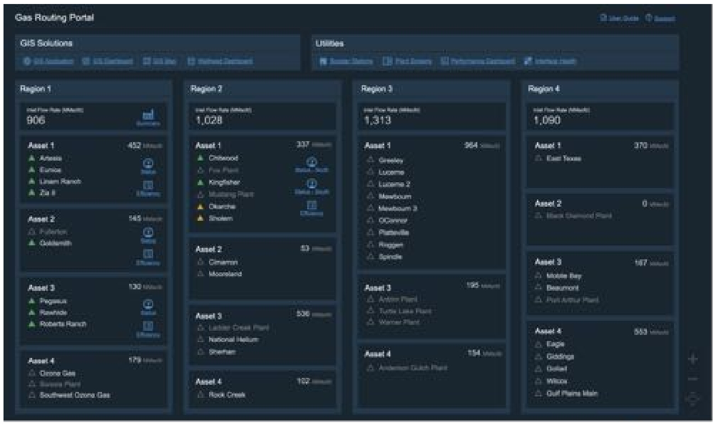
Gas Routing Portal (2018)

A core goal of DCP Midstream's digital transformation was to be able to centrally monitor and manage the collection and processing of raw natural gas across vast geographical areas. The team responsible for this needs to monitor and analyze multiple key metrics across ~100 facilities and needed data visualizations to support them. I worked closely with the stakeholders to identify task flows and key metrics, then iterated through mockups of alternative visualizations, which were ultimately developed using OSISoft's PI Vision tool.

Activities: UI Design, Visual Design and PI Vision Development



Gas Routing Portal

GIS Solutions

Utilities

Region 1

906

Asset 1 452
Artesia
Eunice
Linam Ranch
Zia II

Asset 2 145
Fullerton
Goldsmith

Asset 3 130
Pegasus
Rawhide
Roberts Ranch

Asset 4 179
Ozona Gas
Sonora Plant
Southwest Ozona Gas

Region 2

1,028

Asset 1 337
Chitwood
Fox Plant
Kingfisher
Mustang Plant
Okarche
Sholem

Asset 2 53
Cimarron
Mooreland

Asset 3 536
Ladder Creek Plant
National Helium
Sherhan

Asset 4 102
Rock Creek

Region 3

1,313

Asset 1 964
Greeley
Lucerne
Lucerne 2
Mewbourn
Mewbourn 3
OConnor
Platteville
Roggen
Spindle

Asset 3 195
Antelm Plant
Turtle Lake Plant
Warner Plant

Asset 4 154
Anderson Gulch Plant

Region 4

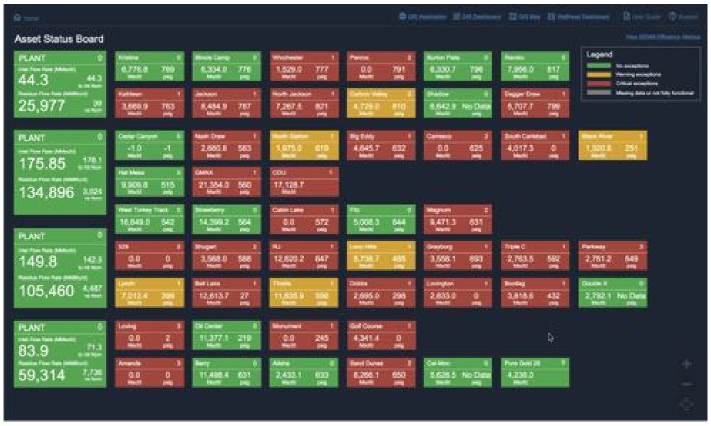
1,090

Asset 1 370
East Texas

Asset 2 0
Black Diamond Plant

Asset 3 187
Mobile Bay
Beaumont
Port Arthur Plant

Asset 4 553
Eagle
Giddings
Goliad
Wilcox
Gulf Plains Main



Asset Status Board

PLANT 0
44.3 44.3
25,977 39

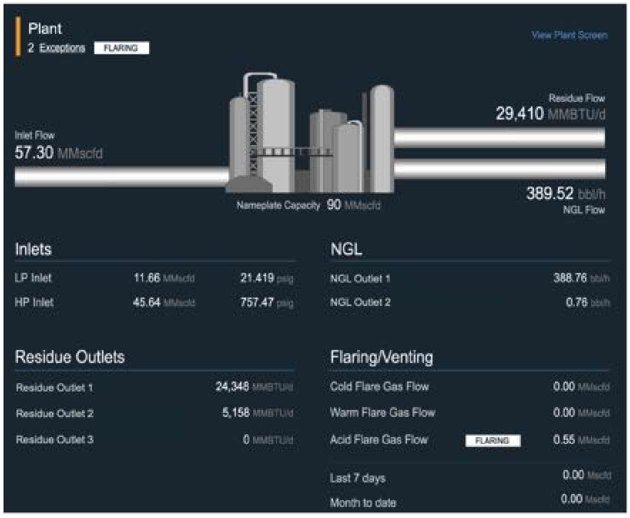
PLANT 0
175.85 176.1
134,896 3,024

PLANT 0
149.8 142.5
105,460 4,487

PLANT 0
83.9 71.3
59,314 7,736

6,776.8 769
6,334.0 776
1,529.0 777
0.0 791
6,330.7 796
7,956.0 817
3,669.9 763
8,484.9 787
7,267.5 821
4,729.0 810
6,642.9 No Data
5,707.7 799
-1.0 -1
2,680.8 583
1,975.0 619
4,645.7 632
0.0 625
4,017.3 0
1,320.8 251
9,909.8 515
21,354.0 560
17,128.7
16,649.0 542
14,399.2 564
0.0 572
5,008.3 644
9,471.3 631
0.0 0
3,568.0 588
12,620.2 647
8,738.7 485
3,658.1 693
2,763.5 592
2,761.2 649
7,012.4 399
12,613.7 27
11,835.9 590
2,695.0 298
2,833.0 0
3,818.6 432
2,792.1 No Data
0.0 2
11,377.1 219
0.0 245
4,341.4 0
0.0 0
11,498.4 631
2,433.1 633
8,266.1 650
5,628.5 No Data
4,236.0

Legend



Plant
2 Exceptions FLARING

View Plant Screen

Inlet Flow
57.30 MMscfd

Residue Flow
29,410 MMBTU/d

389.52 bbl/h
NGL Flow

Nameplate Capacity 90 MMscfd

Inlets

LP Inlet 11.66 MMscfd 21.419 psig
HP Inlet 45.64 MMscfd 757.47 psig

NGL

NGL Outlet 1 388.76 bbl/h
NGL Outlet 2 0.76 bbl/h

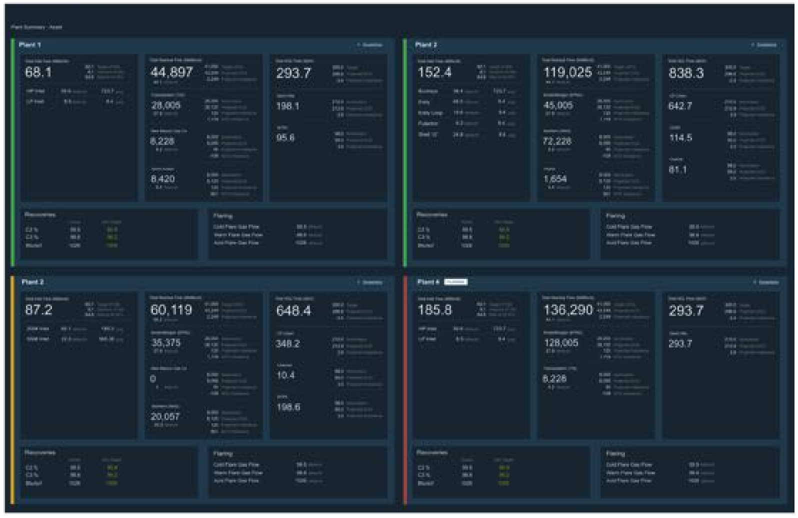
Residue Outlets

Residue Outlet 1 24,348 MMBTU/d
Residue Outlet 2 5,158 MMBTU/d
Residue Outlet 3 0 MMBTU/d

Flaring/Venting

Cold Flare Gas Flow 0.00 MMscfd
Warm Flare Gas Flow 0.00 MMscfd
Acid Flare Gas Flow FLARING 0.55 MMscfd

Last 7 days 0.00 Mscfd
Month to date 0.00 Mscfd



Plant 1
68.1
44,897
293.7
28,005
198.1
95.6
8,228
6,420

Plant 2
152.4
119,025
838.3
45,005
642.7
72,228
114.5
1,654
81.1

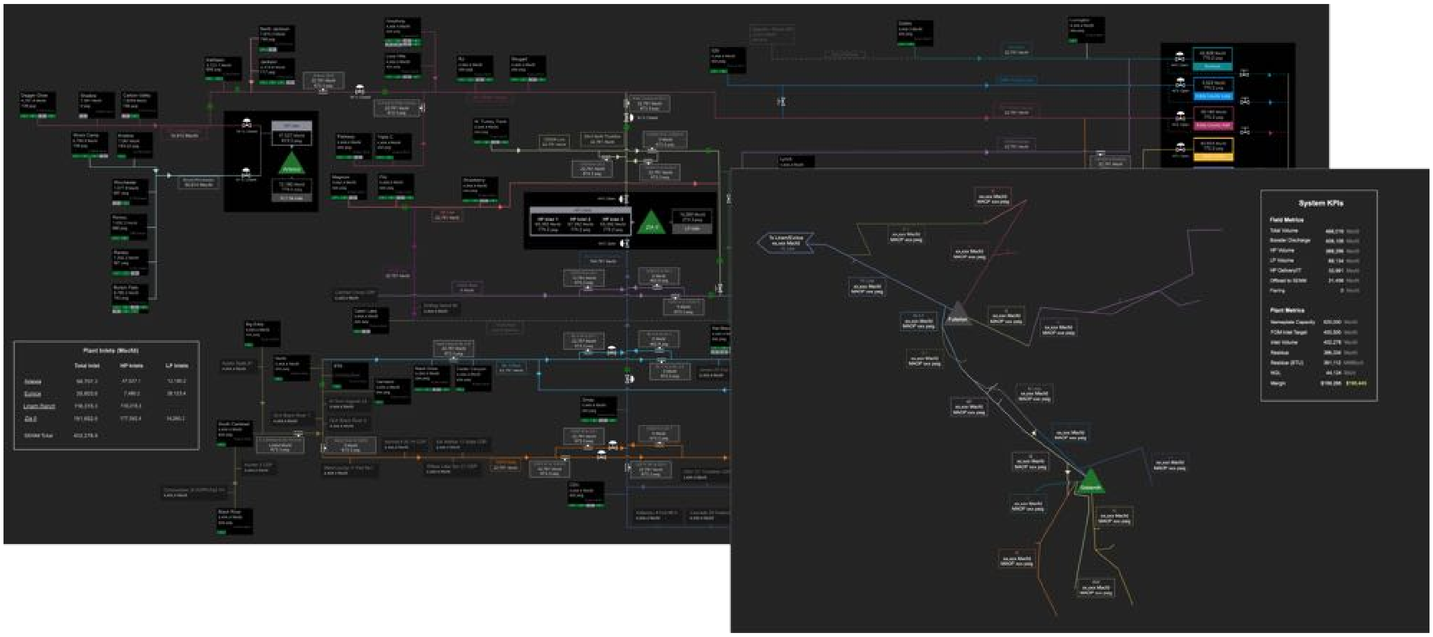
Plant 2
87.2
60,119
648.4
35,375
348.2
0
10.4
198.6
20,057

Plant 4
185.8
136,290
293.7
128,005
293.7
8,226

System Schematics (2017-2018)

DCP Midstream collects and processes raw natural gas across vast geographical areas. The infrastructure for transporting this gas is a complex set of pipelines, compressor stations, valves, meters and plants that presents multiple routing options. The system optimizers responsible for determining the most efficient routing needed to visualize the options and monitor key metrics, so I worked with them to design a set of screens that represented the systems geographically and schematically.

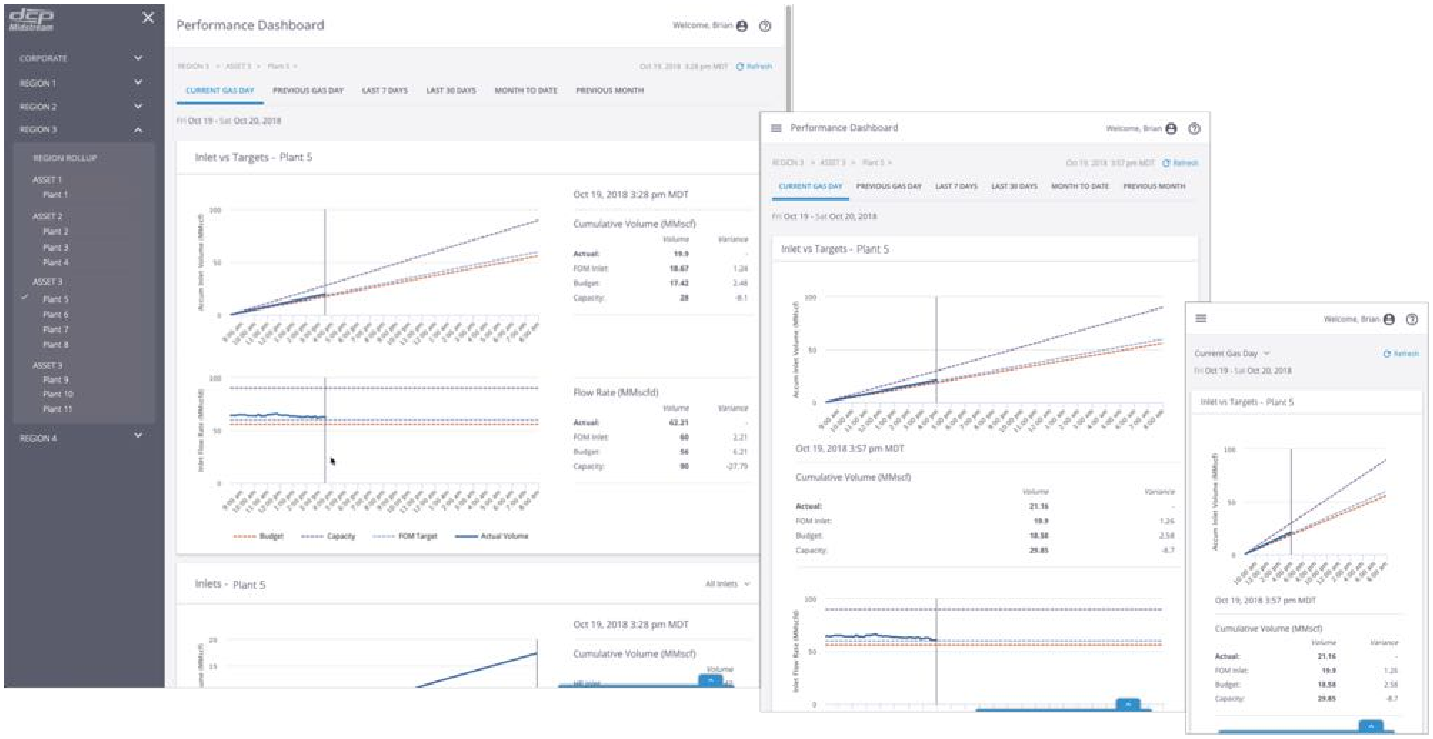
Activities: UI Design and Visual Design



Performance Dashboard (2017)

DCP Midstream has over 40 plants across the United States that process raw natural gas. The resulting gas and natural gas liquids are then sold to the wholesale market. As a part of their digital transformation, they wanted a way for operational leadership and the energy traders responsible for the doing the selling to be able to track gas coming into the plants and products coming out of the plant over the course of the trading day. I collaborated with stakeholders to design and create an interactive mockup of a responsive web application that supports real time monitoring of actual performance vs targets.

Activities: UI Design, CSS, HTML, Javascript and some Visual Design



Oct 19, 2018 3:28 pm MDT

Cumulative Volume (MMscf)

	Volume	Variance
Actual:	19.9	-
FOM Inlet:	18.67	1.24
Budget:	17.42	2.48
Capacity:	28	-8.1

Flow Rate (MMscfd)

	Volume	Variance
Actual:	62.21	-
FOM Inlet:	60	2.21
Budget:	56	6.21
Capacity:	90	-27.79

Oct 19, 2018 3:57 pm MDT

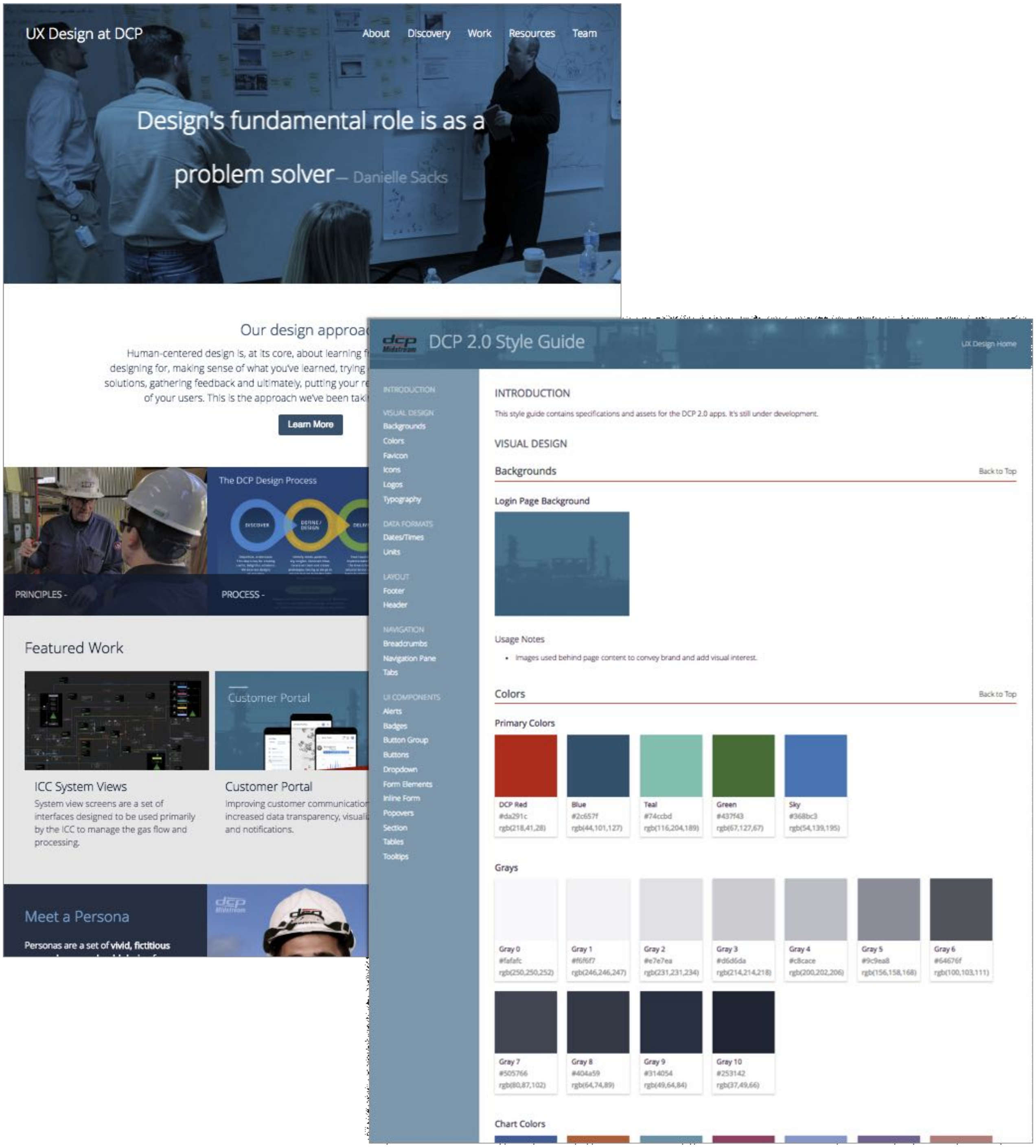
Cumulative Volume (MMscf)

	Volume	Variance
Actual:	21.16	-
FOM Inlet:	19.9	1.26
Budget:	18.58	2.58
Capacity:	29.85	-8.7

DCP UX Site & Style Guide (2017)

A core UX team was assembled to support DCP's digital transformation initiative, and because there had been no UX at DCP before, the Design Director felt it was important to convey core UX/UI principles and showcase the team's work via an internal web site. I collaborated with the rest of the team and a visual designer, who created the dedign, to create this site using Jekyll. This site was also used to host the team's web application style guide.

Activities: UI Design, CSS, HTML, Javascript and some Visual Design



Design's fundamental role is as a problem solver — Danielle Sacks

Our design approa

Human-centered design is, at its core, about learning f designing for, making sense of what you've learned, trying solutions, gathering feedback and ultimately, putting your re of your users. This is the approach we've been tak

Featured Work

ICC System Views

System view screens are a set of interfaces designed to be used primarily by the ICC to manage the gas flow and processing.

Customer Portal

Improving customer communicatio increased data transparency, visuali and notifications.

Meet a Persona

Personas are a set of vivid, fictitious

DCP 2.0 Style Guide

INTRODUCTION

This style guide contains specifications and assets for the DCP 2.0 apps. It's still under development.

VISUAL DESIGN

Backgrounds

Login Page Background

Usage Notes

- Images used behind page content to convey brand and add visual interest.

Colors

Primary Colors

DCP Red	Blue	Teal	Green	Sky
#da291c	#2c657f	#74ccbd	#437f43	#368bc3
rgb(218,41,28)	rgb(44,101,127)	rgb(116,204,189)	rgb(67,127,67)	rgb(54,139,195)

Grays

Gray 0	Gray 1	Gray 2	Gray 3	Gray 4	Gray 5	Gray 6
#fafafc	#f6f6f7	#e7e7ea	#d6d6da	#c8cace	#9c9ea8	#64676f
rgb(250,250,252)	rgb(246,246,247)	rgb(231,231,234)	rgb(214,214,218)	rgb(200,202,206)	rgb(156,158,168)	rgb(100,103,111)

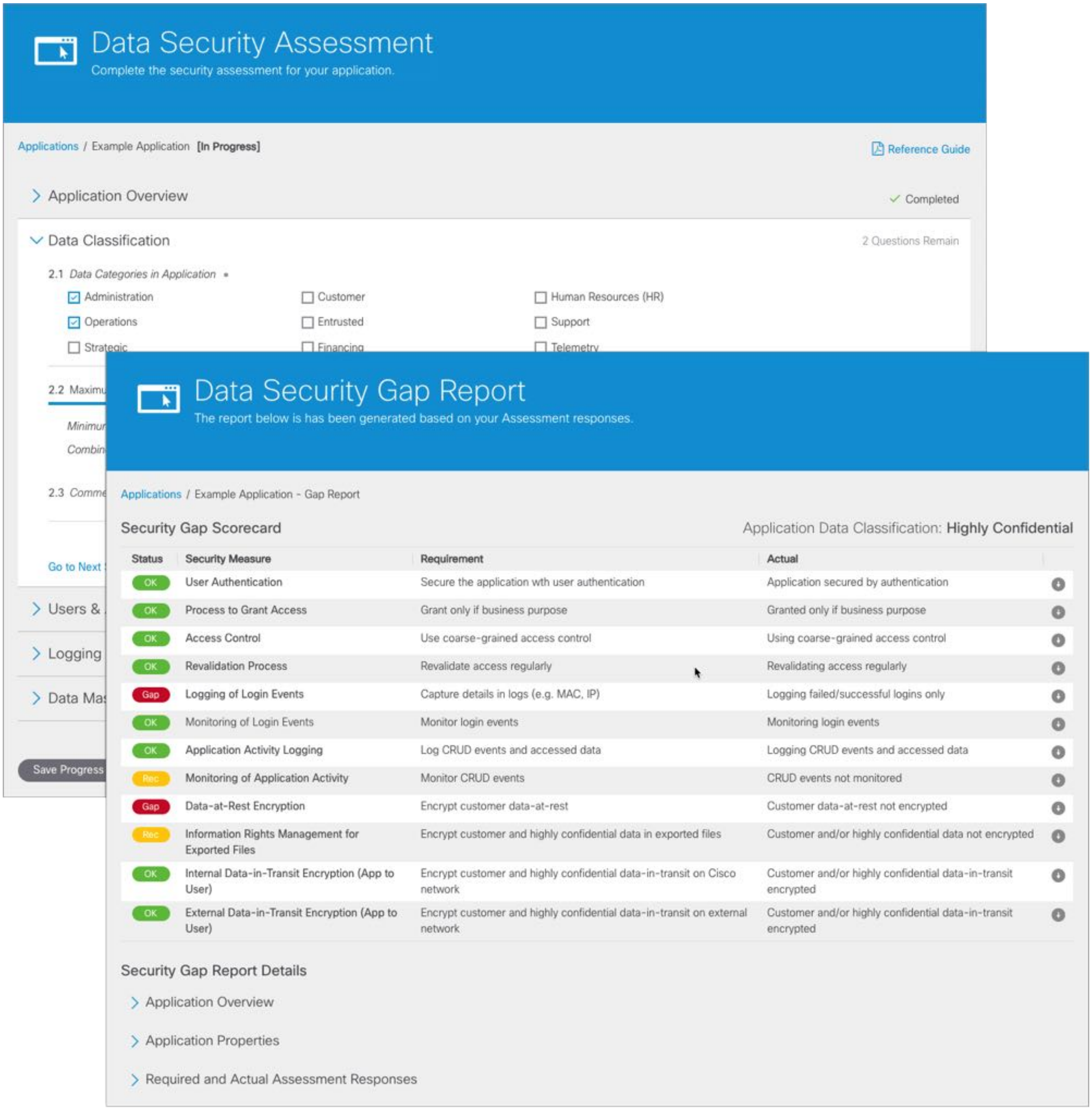
Gray 7	Gray 8	Gray 9	Gray 10
#505766	#404a59	#314054	#253142
rgb(80,87,102)	rgb(64,74,89)	rgb(49,64,84)	rgb(37,49,66)

Chart Colors

Data Security Assessment (2017)

Cisco was instituting a process for evaluating and tracking the data security for internal and external applications and wanted a web application to supprt this new process. I created an interactive mockup of the primary pages of the application, including a dynamic form for application owners to complete and a scorecard-style report showing the security gaps in the application.

Activities: UI Design, CSS, HTML, Javascript and some Visual Design



Data Security Assessment

Complete the security assessment for your application.

Applications / Example Application **[In Progress]**

Reference Guide

Application Overview ✓ Completed

Data Classification 2 Questions Remain

2.1 *Data Categories in Application* *

☑ Administration ☐ Customer ☐ Human Resources (HR)

☑ Operations ☐ Entrusted ☐ Support

☐ Strategic ☐ Financing ☐ Telemetry

2.2 Maximu

Minimur

Combin

2.3 *Comme*

Go to Next

Users &

Logging

Data Ma

Save Progress

Data Security Gap Report

The report below is has been generated based on your Assessment responses.

Applications / Example Application - Gap Report

Security Gap Scorecard

Application Data Classification: **Highly Confidential**

Status	Security Measure	Requirement	Actual
OK	User Authentication	Secure the application wth user authentication	Application secured by authentication
OK	Process to Grant Access	Grant only if business purpose	Granted only if business purpose
OK	Access Control	Use coarse-grained access control	Using coarse-grained access control
OK	Revalidation Process	Revalidate access regularly	Revalidating access regularly
Gap	Logging of Login Events	Capture details in logs (e.g. MAC, IP)	Logging failed/successful logins only
OK	Monitoring of Login Events	Monitor login events	Monitoring login events
OK	Application Activity Logging	Log CRUD events and accessed data	Logging CRUD events and accessed data
Rec	Monitoring of Application Activity	Monitor CRUD events	CRUD events not monitored
Gap	Data-at-Rest Encryption	Encrypt customer data-at-rest	Customer data-at-rest not encrypted
Rec	Information Rights Management for Exported Files	Encrypt customer and highly confidential data in exported files	Customer and/or highly confidential data not encrypted
OK	Internal Data-in-Transit Encryption (App to User)	Encrypt customer and highly confidential data-in-transit on Cisco network	Customer and/or highly confidential data-in-transit encrypted
OK	External Data-in-Transit Encryption (App to User)	Encrypt customer and highly confidential data-in-transit on external network	Customer and/or highly confidential data-in-transit encrypted

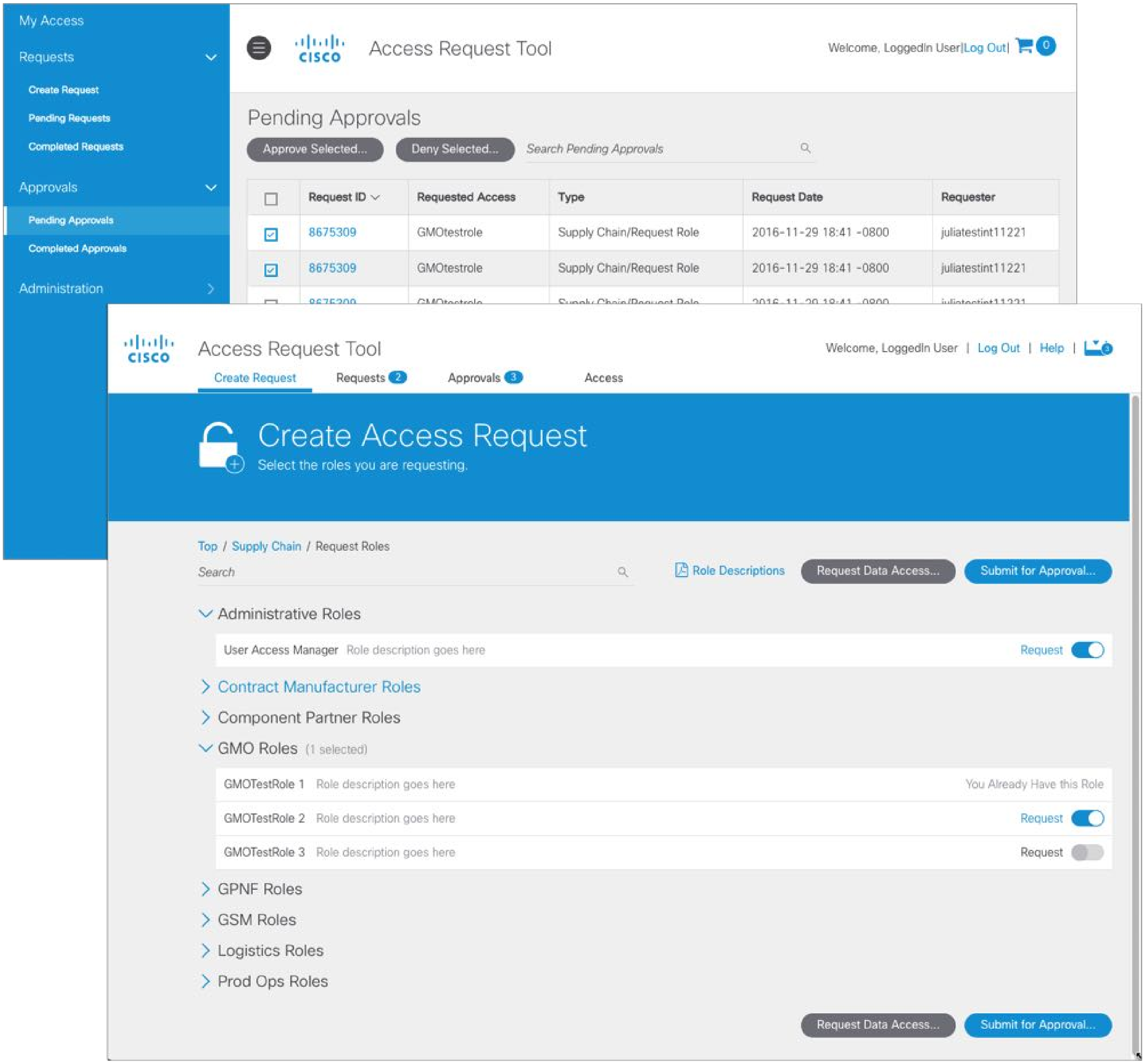
Security Gap Report Details

- Application Overview
- Application Properties
- Required and Actual Assessment Responses

Access Request Tool (2016-2017)

Cisco wanted to develop a new web application that would both allow end users to request access to applications and data and for administrators to approve or deny those requests. I worked with the team to develop high fidelity html mockups using the latest Cisco branding. Show below are two alternative navigation schemes, tabs along the top and a left sidebar model.

Activities: UI Design, CSS, HTML, Javascript and some Visual Design



☐	Request ID	Requested Access	Type	Request Date	Requester
☑	8675309	GMOtestrole	Supply Chain/Request Role	2016-11-29 18:41 -0800	juliatestint11221
☑	8675309	GMOtestrole	Supply Chain/Request Role	2016-11-29 18:41 -0800	juliatestint11221

User Access Manager Role description goes here — Request ●

GMOTestRole 1 Role description goes here — You Already Have this Role

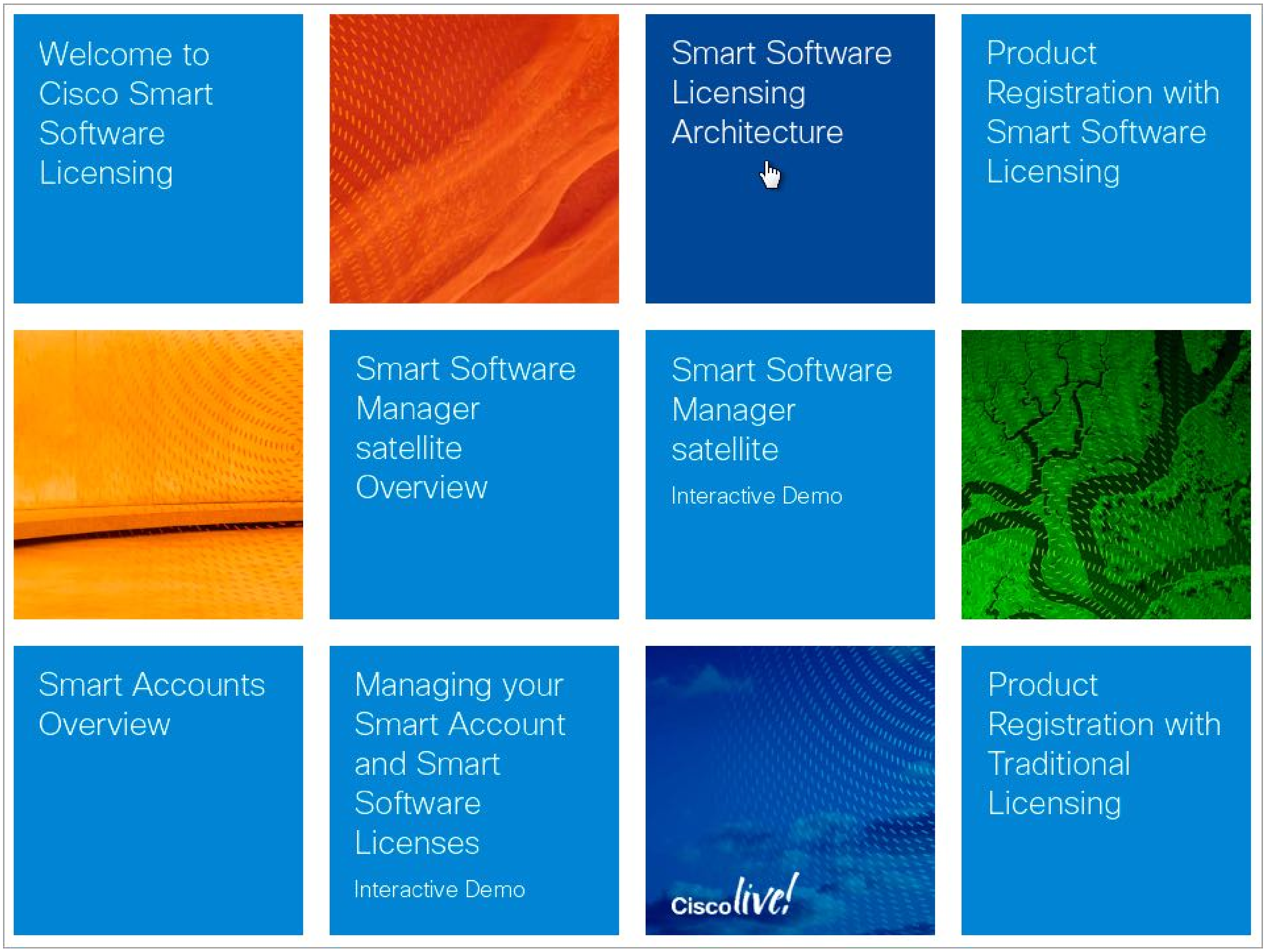
GMOTestRole 2 Role description goes here — Request ●

GMOTestRole 3 Role description goes here — Request ○

Cisco Live! Demo App (2014-2016)

Cisco was rolling out an initiative called Smart Software Licensing and wanted to have web site that attendees of their Cisco Live! event could use to get more information. Attendees were given the link via QR code or could borrow iPads or Android tablets to view it. The grid rearranged in a responsive manner to accomodate phones to laptops and the squares within launched either short videos or interactive html mockups of the Smart Software Licensing tools. A visual designer came up with the design concept and we collaborated from there.

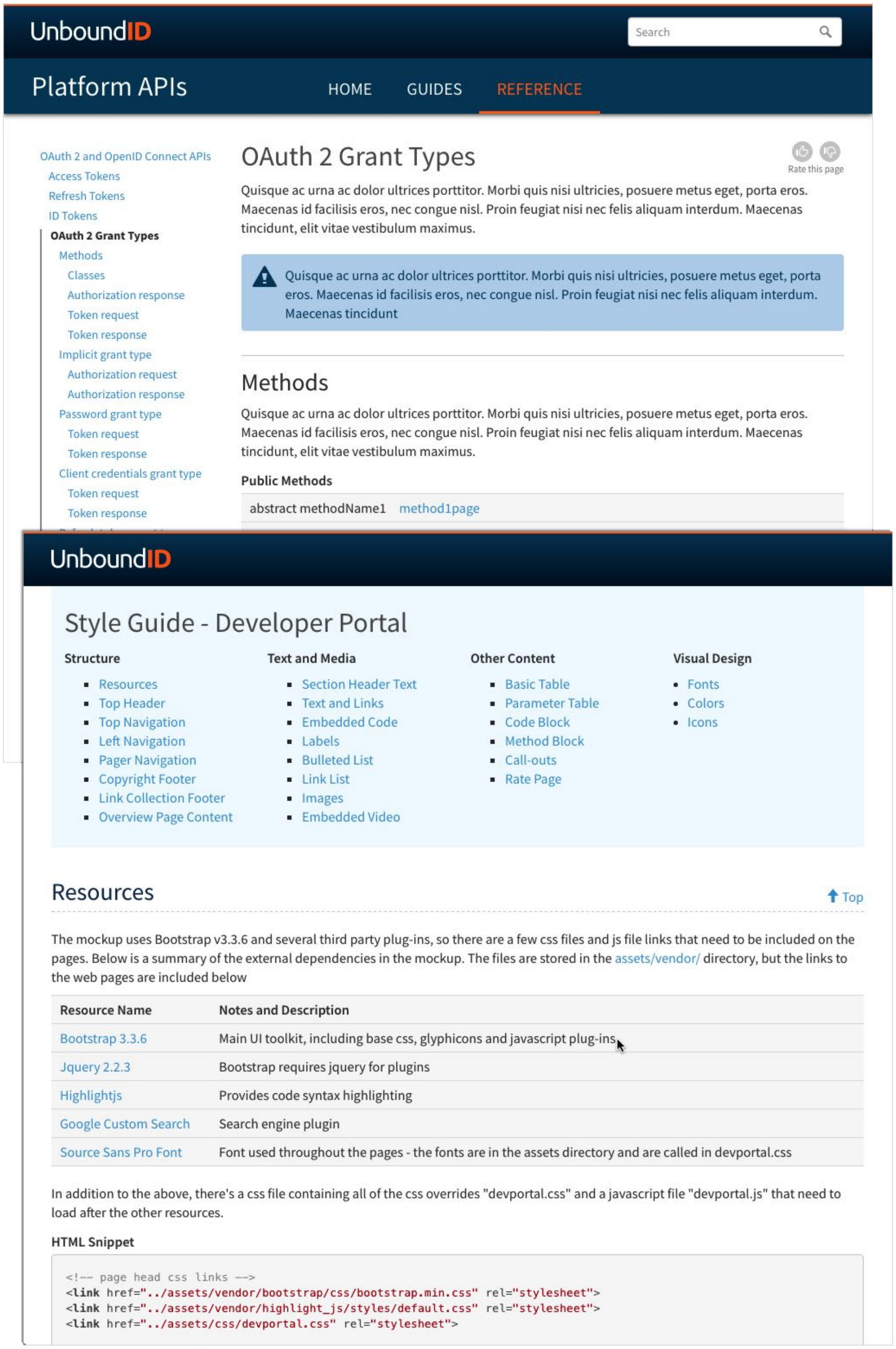
Activities: UI Design, CSS, HTML, Javascript and some Visual Design


Welcome to Cisco Smart Software Licensing
Smart Software Licensing Architecture
Product Registration with Smart Software Licensing
Smart Software Manager satellite Overview
Smart Software Manager satellite
Interactive Demo
Smart Accounts Overview
Managing your Smart Account and Smart Software Licenses
Interactive Demo
Cisco live!
Product Registration with Traditional Licensing

UnboundID Developer Portal (2016)

UnboundID wanted a site to provide developers with documentation on the APIs for their identity management solutions. The deliverables for this project included interactive mockups of key pages and content, css, js, and a style guide containing code snippets for all components.

Activities: UI Design, CSS, HTML, Javascript and Visual Design



- OAuth 2 and OpenID Connect APIs
  - Access Tokens
  - Refresh Tokens
  - ID Tokens
  - **OAuth 2 Grant Types**
    - Methods
      - Classes
      - Authorization response
      - Token request
      - Token response
    - Implicit grant type
      - Authorization request
      - Authorization response
    - Password grant type
      - Token request
      - Token response
    - Client credentials grant type
      - Token request
      - Token response

OAuth 2 Grant Types

Quisque ac urna ac dolor ultrices porttitor. Morbi quis nisi ultricies, posuere metus eget, porta eros. Maecenas id facilisis eros, nec congue nisl. Proin feugiat nisi nec felis aliquam interdum. Maecenas tincidunt, elit vitae vestibulum maximus.

⚠ Quisque ac urna ac dolor ultrices porttitor. Morbi quis nisi ultricies, posuere metus eget, porta eros. Maecenas id facilisis eros, nec congue nisl. Proin feugiat nisi nec felis aliquam interdum. Maecenas tincidunt

Methods

Quisque ac urna ac dolor ultrices porttitor. Morbi quis nisi ultricies, posuere metus eget, porta eros. Maecenas id facilisis eros, nec congue nisl. Proin feugiat nisi nec felis aliquam interdum. Maecenas tincidunt, elit vitae vestibulum maximus.

Public Methods

abstract methodName1 method1page

Style Guide - Developer Portal

Structure

- Resources
- Top Header
- Top Navigation
- Left Navigation
- Pager Navigation
- Copyright Footer
- Link Collection Footer
- Overview Page Content

Text and Media

- Section Header Text
- Text and Links
- Embedded Code
- Labels
- Bulleted List
- Link List
- Images
- Embedded Video

Other Content

- Basic Table
- Parameter Table
- Code Block
- Method Block
- Call-outs
- Rate Page

Visual Design

- Fonts
- Colors
- Icons

Resources

The mockup uses Bootstrap v3.3.6 and several third party plug-ins, so there are a few css files and js file links that need to be included on the pages. Below is a summary of the external dependencies in the mockup. The files are stored in the assets/vendor/ directory, but the links to the web pages are included below

Resource Name	Notes and Description
Bootstrap 3.3.6	Main UI toolkit, including base css, glyphicons and javascript plug-ins
Jquery 2.2.3	Bootstrap requires jquery for plugins
Highlightjs	Provides code syntax highlighting
Google Custom Search	Search engine plugin
Source Sans Pro Font	Font used throughout the pages - the fonts are in the assets directory and are called in devportal.css

In addition to the above, there's a css file containing all of the css overrides "devportal.css" and a javascript file "devportal.js" that need to load after the other resources.

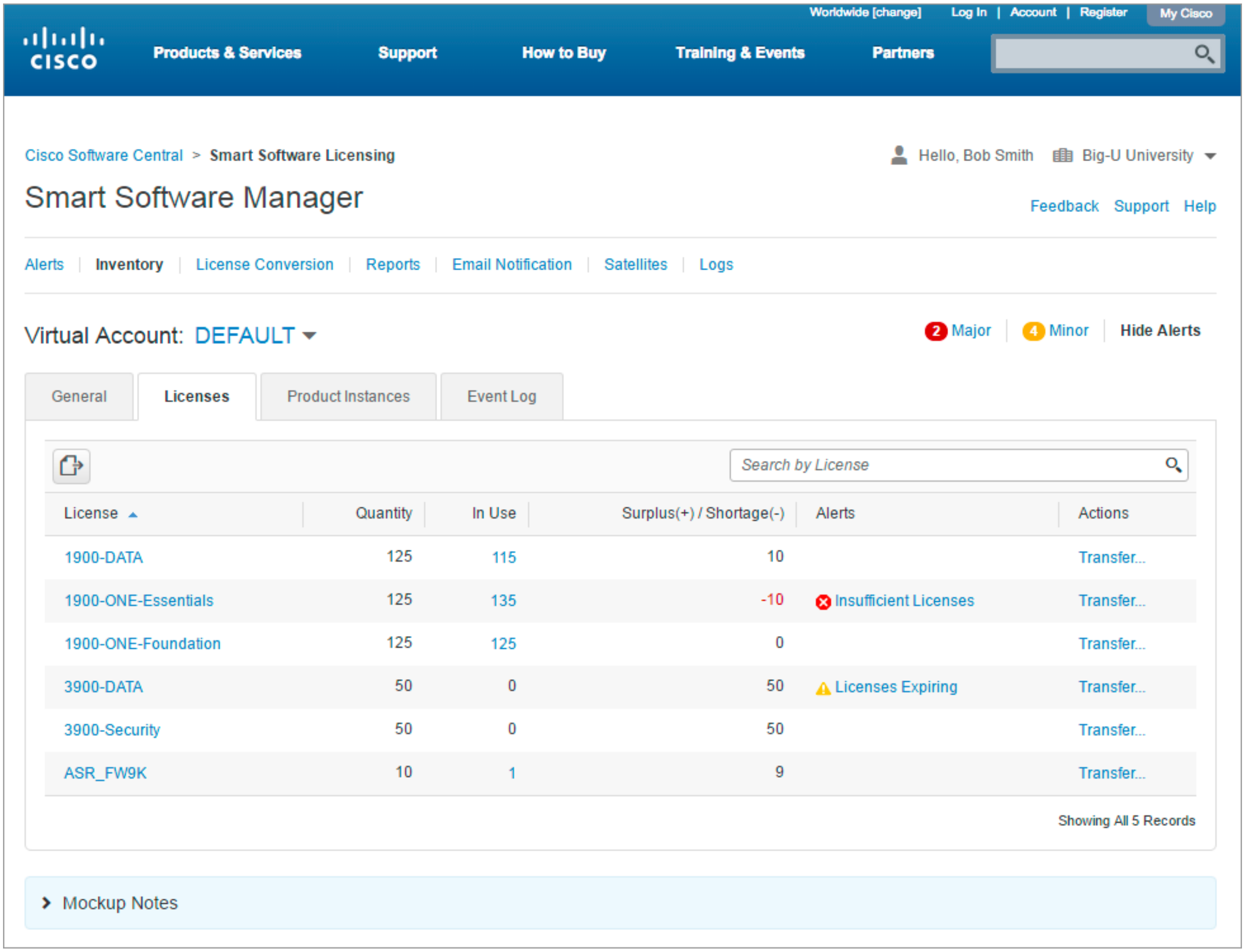
HTML Snippet

```
<!-- page head css links -->
<link href="../assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
<link href="../assets/vendor/highlight_js/styles/default.css" rel="stylesheet">
<link href="../assets/css/devportal.css" rel="stylesheet">
```

Smart Software Manager (2013-2016)

Cisco revamped its software licensing to a cloud-based model and needed a web portal for customers to view and manage their products and licenses. Because this was a major change to how licensing worked within Cisco, there were several design iterations of this portal over the time I worked on it, the latest of which is shown below.

Activities: UI Design, CSS, HTML, Javascript



Cisco Software Central > Smart Software Licensing

Hello, Bob Smith   Big-U University

Smart Software Manager

Feedback Support Help

Alerts | Inventory | License Conversion | Reports | Email Notification | Satellites | Logs

Virtual Account: DEFAULT

2 Major | 4 Minor | Hide Alerts

General | Licenses | Product Instances | Event Log

Search by License

License ▲	Quantity	In Use	Surplus(+) / Shortage(-)	Alerts	Actions
1900-DATA	125	115	10		Transfer...
1900-ONE-Essentials	125	135	-10	☒ Insufficient Licenses	Transfer...
1900-ONE-Foundation	125	125	0		Transfer...
3900-DATA	50	0	50	⚠ Licenses Expiring	Transfer...
3900-Security	50	0	50		Transfer...
ASR_FW9K	10	1	9		Transfer...

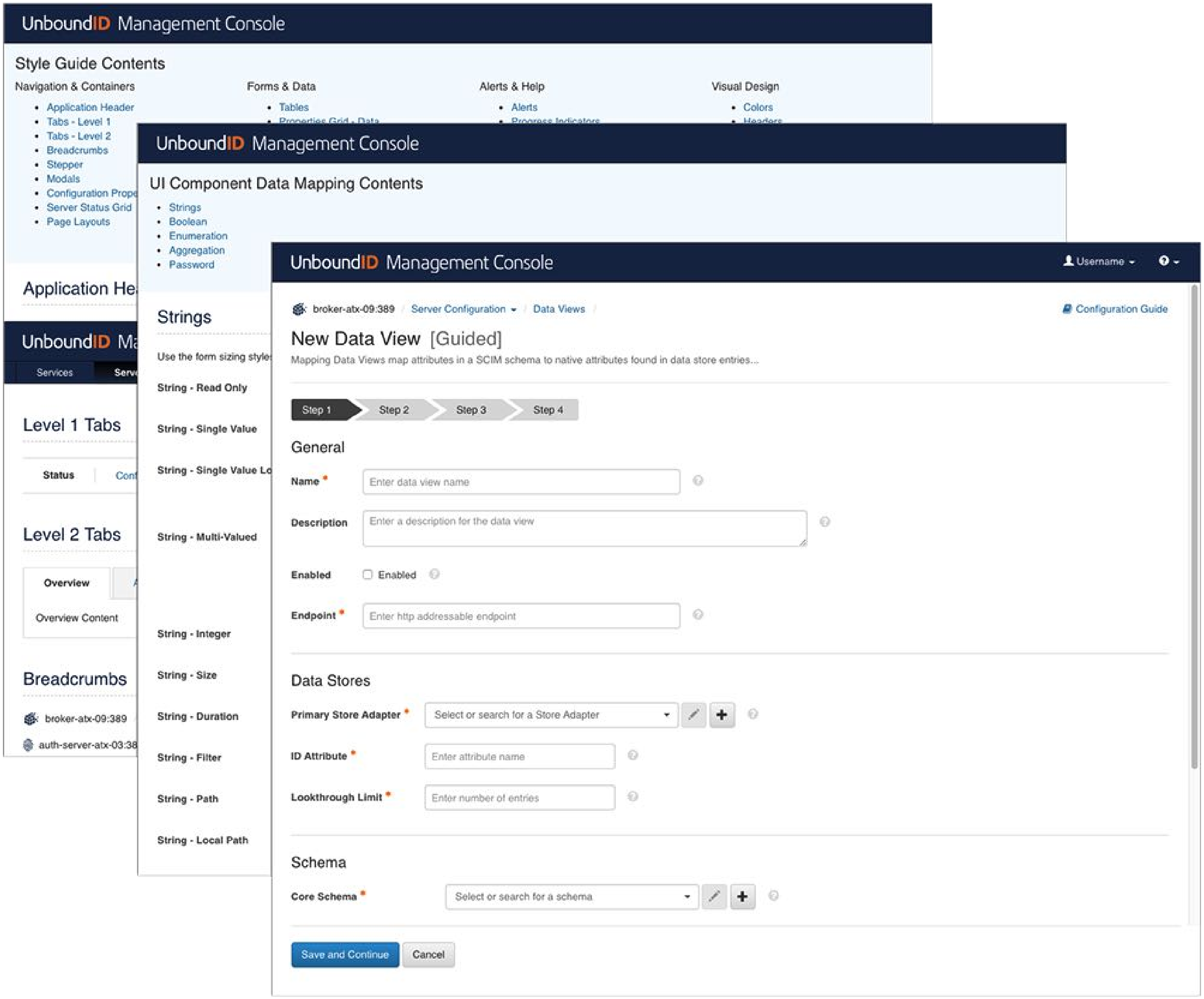
Showing All 5 Records

› Mockup Notes

Management Console (2015-2016)

UnboundID was looking to consolidate management of their identity management platform products into a single web application. The architecture called for UI to be built dynamically based on the configuration parameters of the products, so I worked with them on a scheme for mapping the parameters to UI elements and on a framework for navigation within the application. The deliverables for this project included interactive mockups of key pages and content, css, js, a mapping document and a style guide containing code snippets for all UI components.

Activities: UI Design, CSS, HTML, Javascript and Visual Design



UnboundID Management Console

Style Guide Contents

Navigation & Containers
- Application Header
- Tabs - Level 1
- Tabs - Level 2
- Breadcrumbs
- Stepper
- Modals
- Configuration Prope
- Server Status Grid
- Page Layouts

Forms & Data
- Tables

Alerts & Help
- Alerts

Visual Design
- Colors

Application He

UnboundID Ma

Services | Serv

Level 1 Tabs

Status | Conf

Level 2 Tabs

Overview

Overview Content

Breadcrumbs

broker-atx-09:389

auth-server-atx-03:38

UnboundID Management Console

UI Component Data Mapping Contents
- Strings
- Boolean
- Enumeration
- Aggregation
- Password

Strings

Use the form sizing style

String - Read Only

String - Single Value

String - Single Value Lo

String - Multi-Valued

String - Integer

String - Size

String - Duration

String - Filter

String - Path

String - Local Path

UnboundID Management Console

Username ▾

broker-atx-09:389 / Server Configuration ▾ / Data Views /

Configuration Guide

New Data View [Guided]

Mapping Data Views map attributes in a SCIM schema to native attributes found in data store entries...

Step 1 | Step 2 | Step 3 | Step 4

General

Name * Enter data view name

Description Enter a description for the data view

Enabled □ Enabled

Endpoint * Enter http addressable endpoint

Data Stores

Primary Store Adapter * Select or search for a Store Adapter ▾ +

ID Attribute * Enter attribute name

Lookthrough Limit * Enter number of entries

Schema

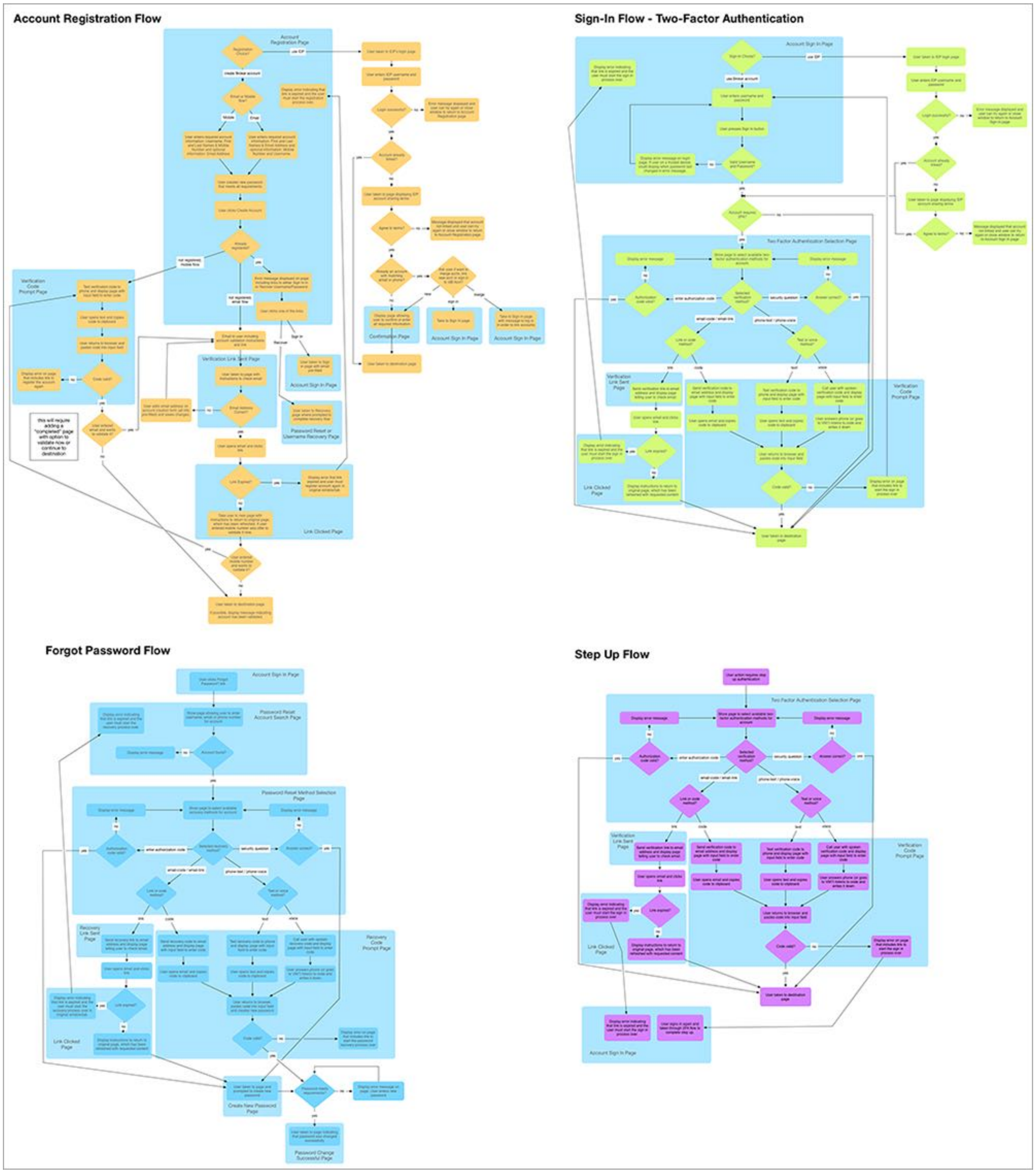
Core Schema * Select or search for a schema ▾ +

Save and Continue | Cancel

Account Management Flows (2015)

UnboundID wanted to build a UI to demonstrate how user account creation, sign in and recovery flows work with their identity management product line. I worked with them to design the task flows for account creation, sign-in with two-factor authentication, sign-in with third-party identity providers, and account recovery. After we completed the flows, I designed and built interactive mockups of the UI screens supporting those flows.

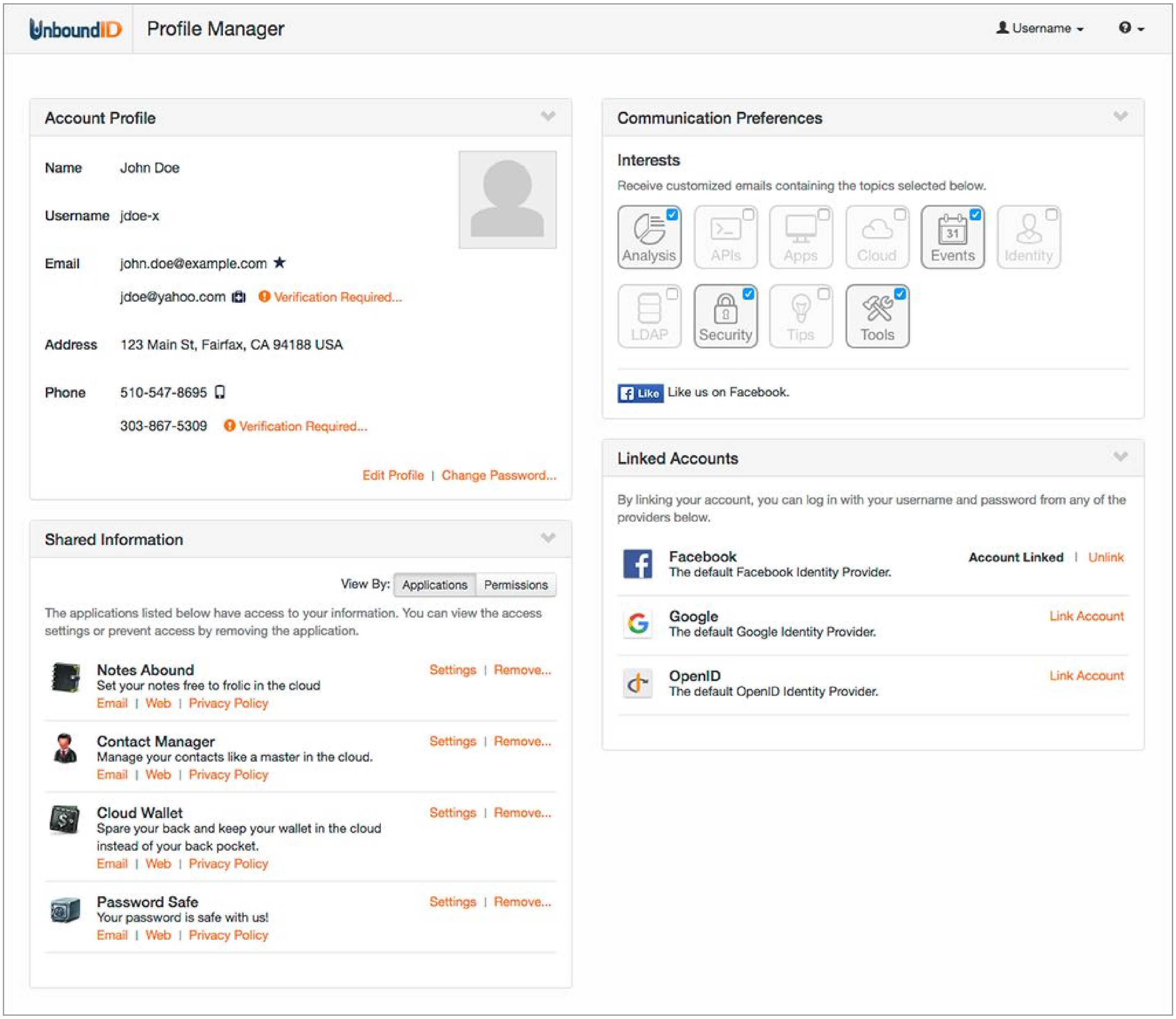
Activities: Flow Analysis, UI Design, CSS, HTML, Javascript and Visual Design


Account Registration Flow
Sign-In Flow - Two-Factor Authentication
Forgot Password Flow
Step Up Flow

Profile Manager (2014)

UnboundID specializes in LDAP and identity management and needed a user account management web application to demo some of their platform's capabilities. The profile manager is a Bootstrap-based application designed for this purpose.

Activities: UI Design, CSS, HTML, Javascript and Visual Design



Profile Manager

Account Profile

Name John Doe

Username jdoe-x

Email john.doe@example.com ★

jdoe@yahoo.com Verification Required...

Address 123 Main St, Fairfax, CA 94188 USA

Phone 510-547-8695

303-867-5309 Verification Required...

Edit Profile | Change Password...

Shared Information

View By: Applications Permissions

The applications listed below have access to your information. You can view the access settings or prevent access by removing the application.

Notes Abound — Settings | Remove...
Set your notes free to frolic in the cloud
Email | Web | Privacy Policy

Contact Manager — Settings | Remove...
Manage your contacts like a master in the cloud.
Email | Web | Privacy Policy

Cloud Wallet — Settings | Remove...
Spare your back and keep your wallet in the cloud instead of your back pocket.
Email | Web | Privacy Policy

Password Safe — Settings | Remove...
Your password is safe with us!
Email | Web | Privacy Policy

Communication Preferences

Interests

Receive customized emails containing the topics selected below.

☑ Analysis ☐ APIs ☐ Apps ☐ Cloud ☑ Events ☐ Identity

☐ LDAP ☑ Security ☐ Tips ☑ Tools

Like Like us on Facebook.

Linked Accounts

By linking your account, you can log in with your username and password from any of the providers below.

Facebook — Account Linked | Unlink
The default Facebook Identity Provider.

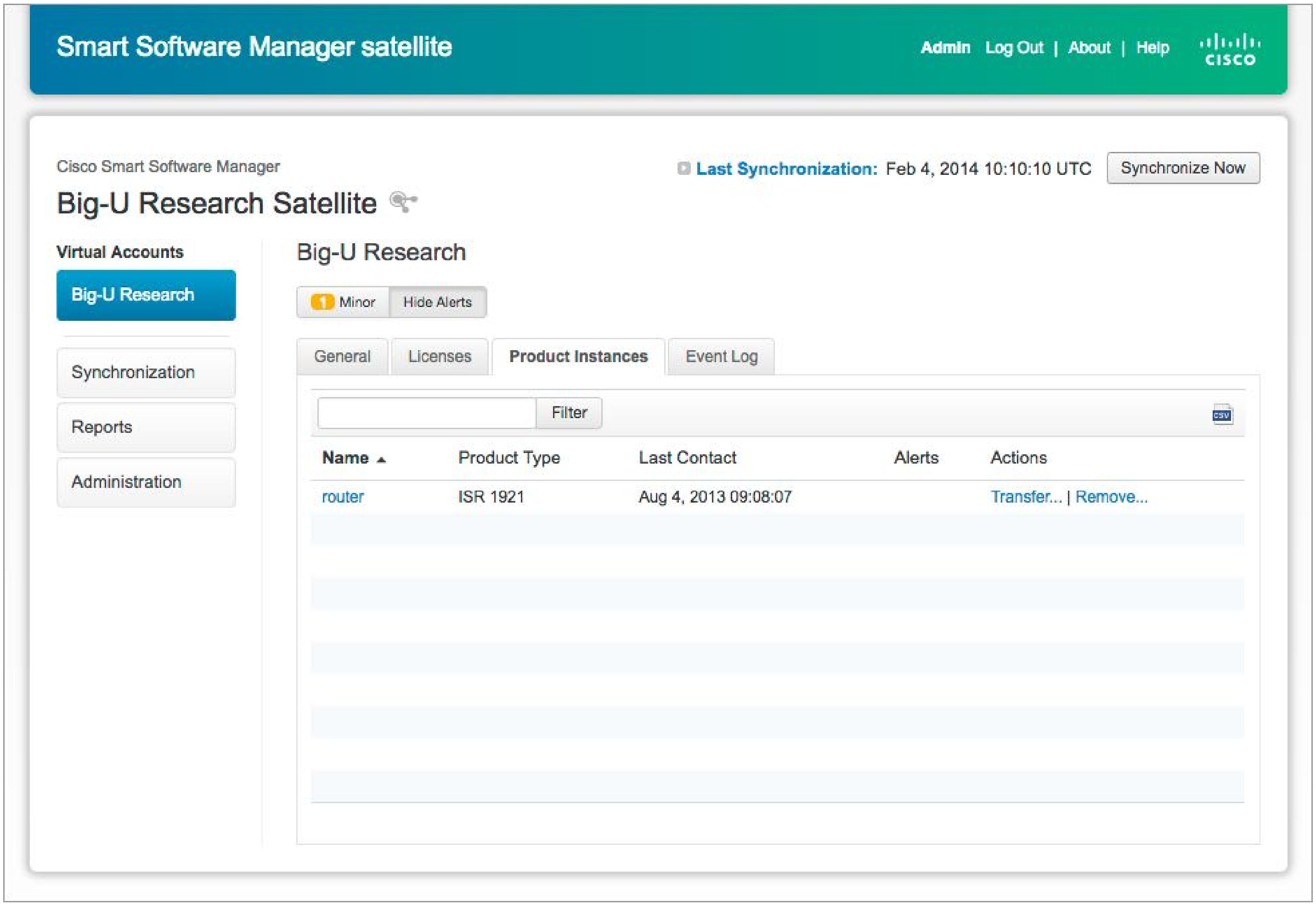
Google — Link Account
The default Google Identity Provider.

OpenID — Link Account
The default OpenID Identity Provider.

Smart Software Manager satellite (2014-2015)

As a part of the overhaul to their software licensing scheme, Cisco needed a web application that customers could install on-site to view and manage their Cisco product licenses. This application uses Bootstrap with the UI components themed to adhere to one of Cisco's UI design standards. Deliverables included wireframes, css theming and an interactive html mockup.

Activities: UI Design, CSS, HTML, Javascript



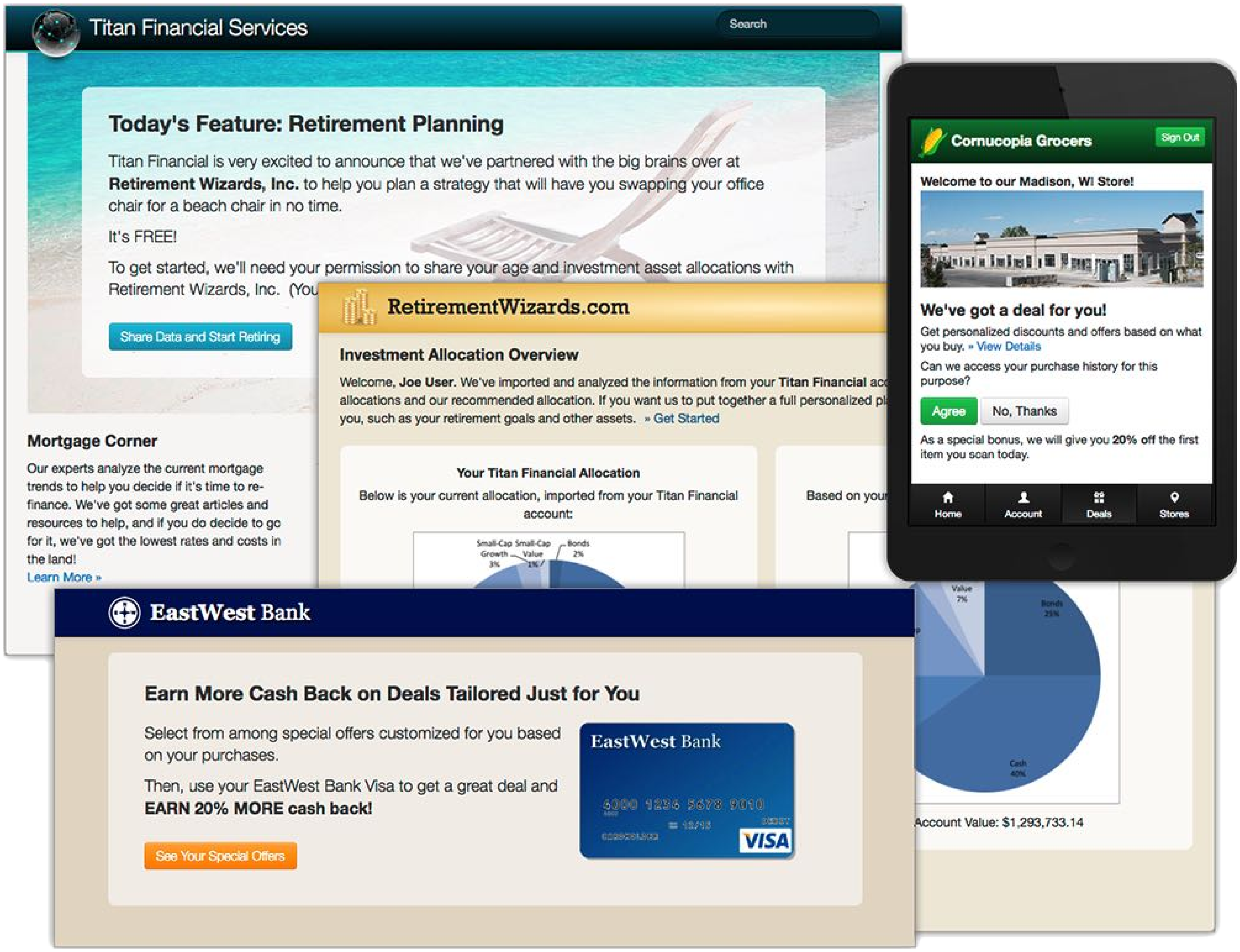
Last Synchronization: Feb 4, 2014 10:10:10 UTC

Name ▲	Product Type	Last Contact	Alerts	Actions
router	ISR 1921	Aug 4, 2013 09:08:07		Transfer... | Remove...

Identity Demo Apps (2013)

The sales and marketing team at UnboundID wanted interactive demos of their Identity Management platform applications to take on the road. They provided me with basic scenarios and asked me to come up with web pages for several fictitious companies to support the scenarios. I created the pages using Bootstrap which they then wired up to their backend systems for the demos.

Activities: UI Design, CSS, HTML, Javascript and Visual Design



Titan Financial Services

Today's Feature: Retirement Planning

Titan Financial is very excited to announce that we've partnered with the big brains over at **Retirement Wizards, Inc.** to help you plan a strategy that will have you swapping your office chair for a beach chair in no time.

It's FREE!

To get started, we'll need your permission to share your age and investment asset allocations with Retirement Wizards, Inc. (You

Mortgage Corner

Our experts analyze the current mortgage trends to help you decide if it's time to re-finance. We've got some great articles and resources to help, and if you do decide to go for it, we've got the lowest rates and costs in the land!
Learn More »

RetirementWizards.com

Investment Allocation Overview

Welcome, **Joe User.** We've imported and analyzed the information from your **Titan Financial** acc
allocations and our recommended allocation. If you want us to put together a full personalized pl
you, such as your retirement goals and other assets. » Get Started

Your Titan Financial Allocation

Below is your current allocation, imported from your Titan Financial account:

Based on your

Account Value: $1,293,733.14

Cornucopia Grocers

Welcome to our Madison, WI Store!

We've got a deal for you!

Get personalized discounts and offers based on what you buy. » View Details

Can we access your purchase history for this purpose?

As a special bonus, we will give you **20%** off the first item you scan today.

EastWest Bank

Earn More Cash Back on Deals Tailored Just for You

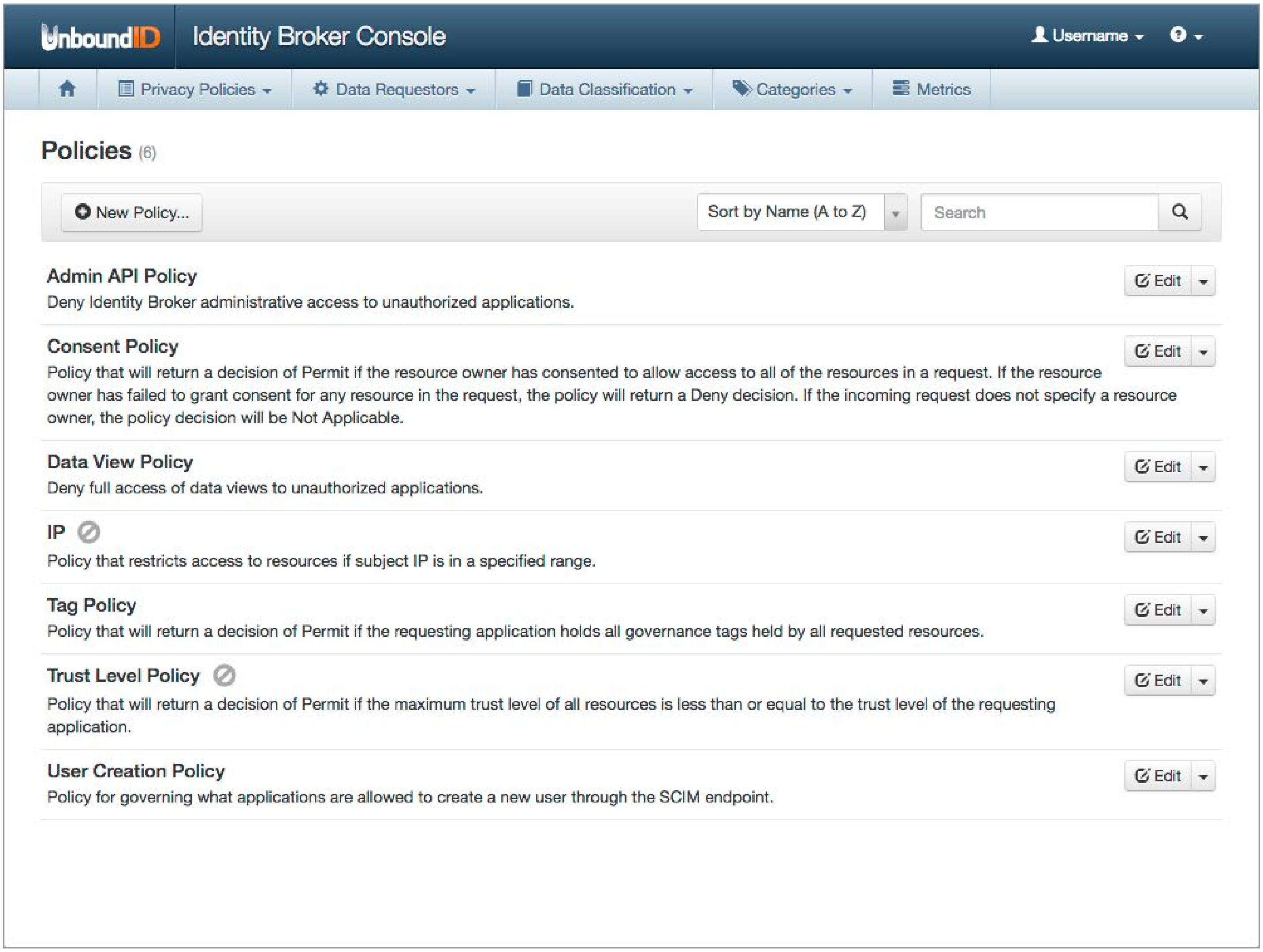
Select from among special offers customized for you based on your purchases.

Then, use your EastWest Bank Visa to get a great deal and **EARN 20% MORE cash back!**

Identity Broker Console (2012-2013)

UnboundID was releasing a new product for managing and brokering user privacy settings and wanted a browser-based management console to support it. I worked with architects, developers and product owners to create several iterations of the design, working our way up from wireframes to interactive mockups using Bootstrap, which were eventually used as the basis for the implemented UI.

Activities: UI Design, CSS, HTML, Javascript and Visual Design



Policies (6)

Admin API Policy
Deny Identity Broker administrative access to unauthorized applications.

Consent Policy
Policy that will return a decision of Permit if the resource owner has consented to allow access to all of the resources in a request. If the resource owner has failed to grant consent for any resource in the request, the policy will return a Deny decision. If the incoming request does not specify a resource owner, the policy decision will be Not Applicable.

Data View Policy
Deny full access of data views to unauthorized applications.

IP ⊘
Policy that restricts access to resources if subject IP is in a specified range.

Tag Policy
Policy that will return a decision of Permit if the requesting application holds all governance tags held by all requested resources.

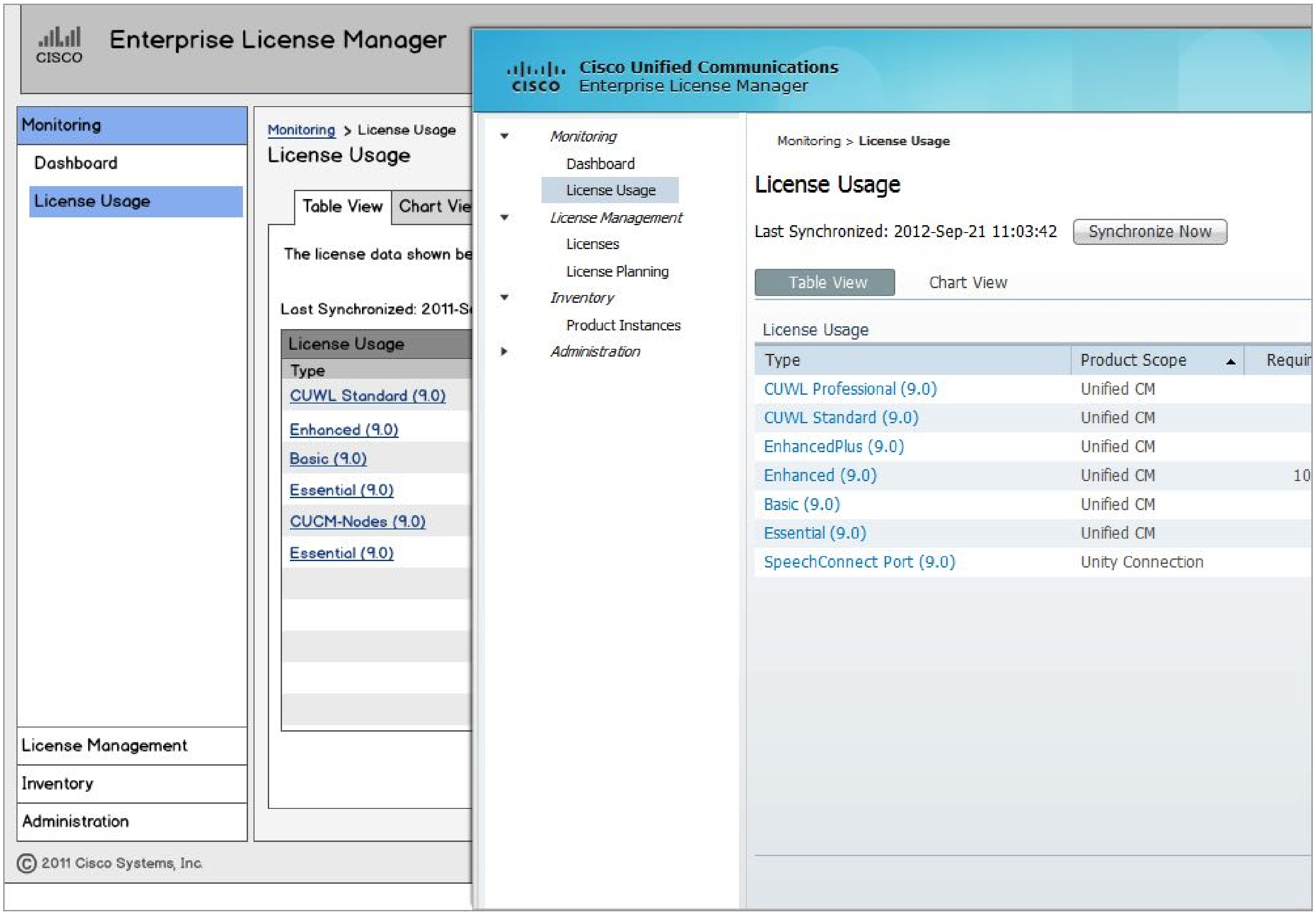
Trust Level Policy ⊘
Policy that will return a decision of Permit if the maximum trust level of all resources is less than or equal to the trust level of the requesting application.

User Creation Policy
Policy for governing what applications are allowed to create a new user through the SCIM endpoint.

Enterprise License Manager (2011-2012)

Licensing of large-scale enterprise Cisco products was identified as a customer pain point, so a centralized license management architecture was proposed to improve user experience. I worked with a cross-functional team of system architects, product owners and developers to come up with a UI to manage that architecture. We met on a regular basis to review and revise wireframes, which I then turned into semi-interactive mockups for usability testing and eventually a specification for the product UI.

Activities: UI Design, Wireframes



The license data shown be

Last Synchronized: 2011-S

License Usage

Type
CUWL Standard (9.0)
Enhanced (9.0)
Basic (9.0)
Essential (9.0)
CUCM-Nodes (9.0)
Essential (9.0)

Last Synchronized: 2012-Sep-21 11:03:42

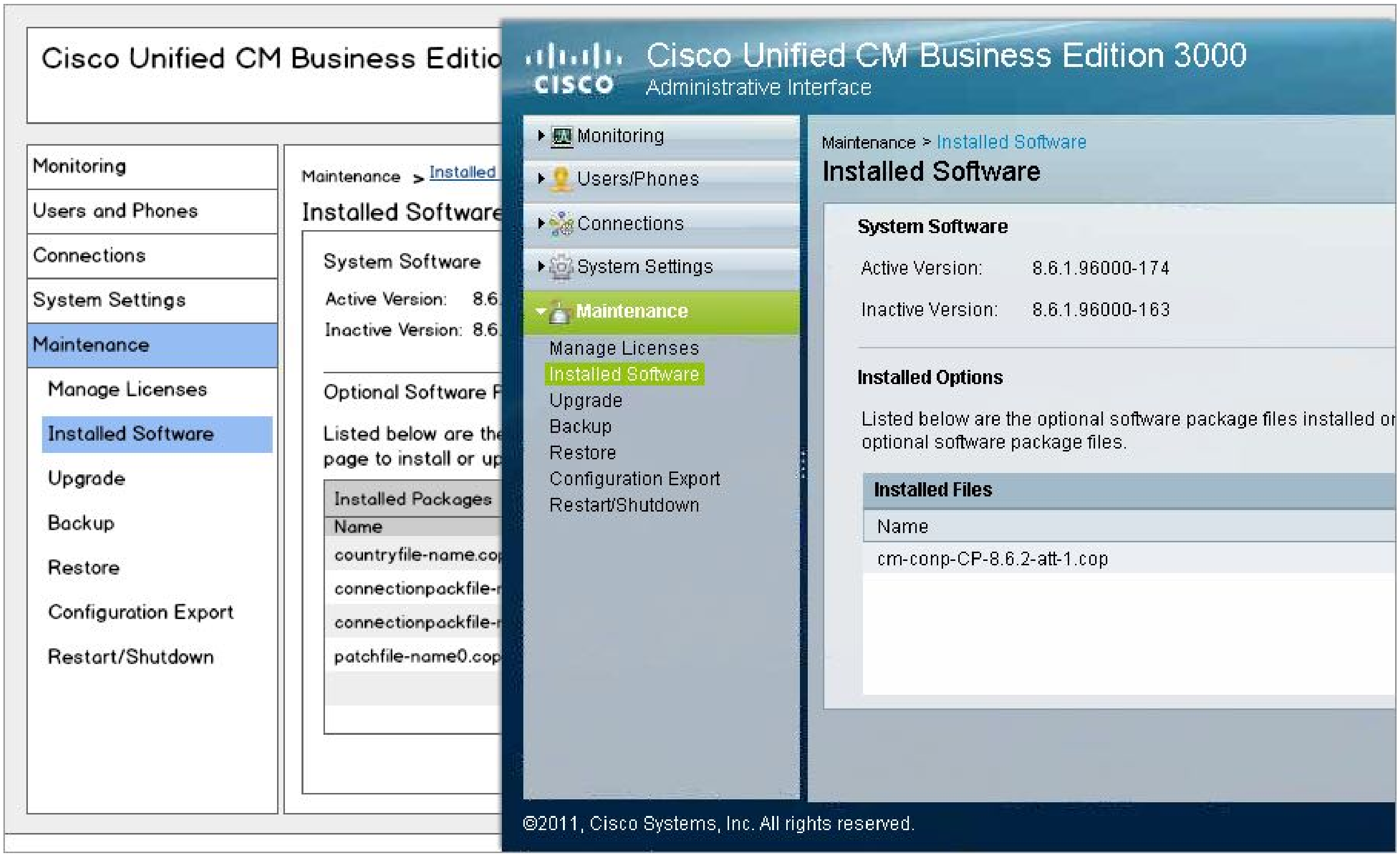
License Usage

Type	Product Scope ▲	Requir
CUWL Professional (9.0)	Unified CM	
CUWL Standard (9.0)	Unified CM	
EnhancedPlus (9.0)	Unified CM	
Enhanced (9.0)	Unified CM	10
Basic (9.0)	Unified CM	
Essential (9.0)	Unified CM	
SpeechConnect Port (9.0)	Unity Connection	

Business Edition 3000 (2010-2011)

In an attempt to move into the mid-sized business telephony space, Cisco decided to scale down a successful enterprise-scale telephony product into a simplified one to be shipped as a hardware appliance. Once the concepts and requirements were identified, I worked with a cross-functional team of system architects and product owners to review and revise wireframes for the browser-based UI, which was eventually implemented using one of Cisco's design standards.

Activities: UI Design, Wireframes



Active Version: 8.6

Inactive Version: 8.6

Listed below are the
page to install or up

countryfile-name.cop
connectionpackfile-
connectionpackfile-
patchfile-name0.cop

Active Version: 8.6.1.96000-174

Inactive Version: 8.6.1.96000-163

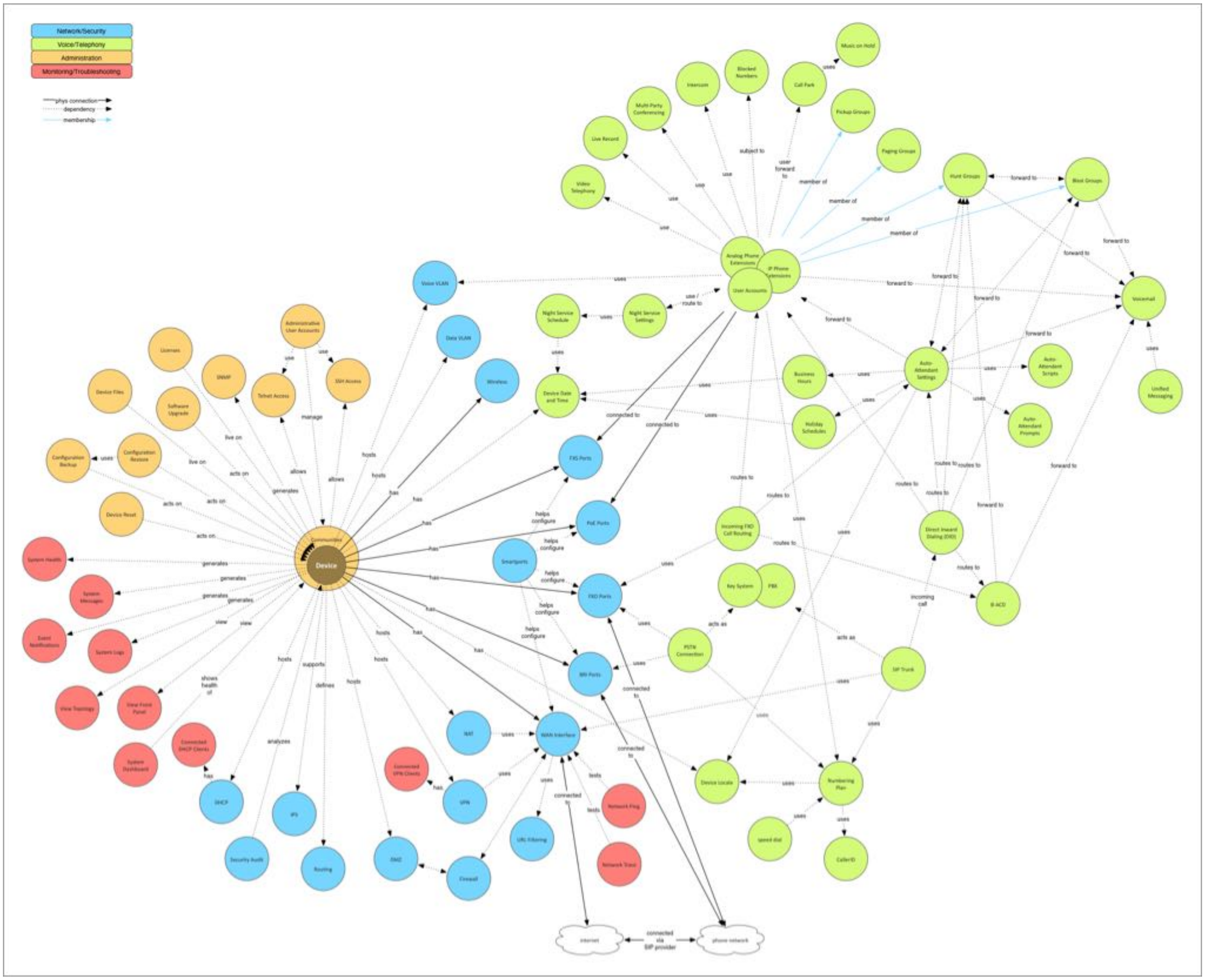
Listed below are the optional software package files installed o
optional software package files.

cm-conp-CP-8.6.2-att-1.cop

BE3K Concept Diagram (2010)

In an attempt to move into the mid-sized business telephony space, Cisco decided to scale down a successful enterprise-scale telephony product into a simplified one. One of the first steps in the process was to map out the subset of features, objects and relationships to be included in the new product so that the navigation could be designed. I worked with the product owners and system architects to identify these features and then diagrammed them.

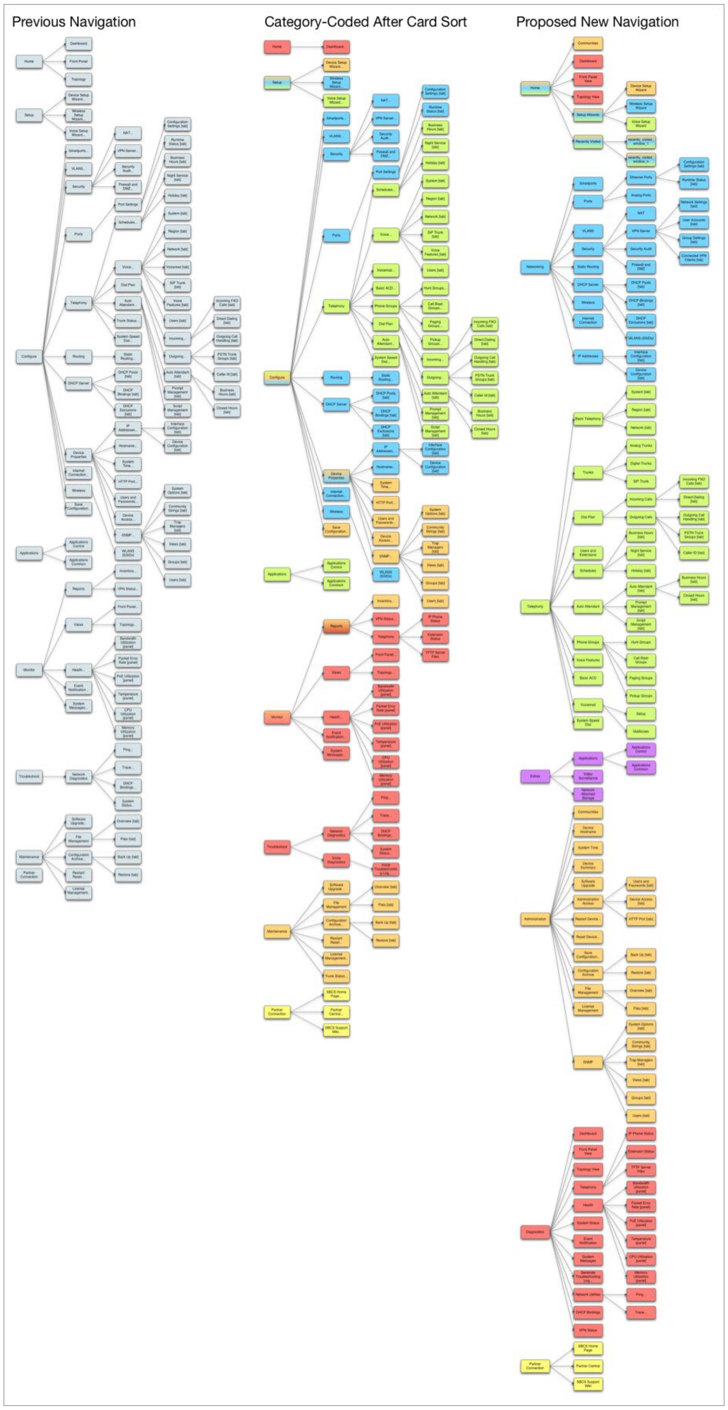
Activities: Concept Mapping



CCA Navigation Project (2009)

Cisco Configuration Assistant was a Java-based desktop Application for configuring an appliance that provided networking and telephony services for small offices. It had been developed without UI support for several years and usability testing revealed that users had difficulty locating functionality in the accordion-based navigation scheme. To improve the navigation structure I mapped the existing navigation, ran a card sort study and then used the results to propose a new scheme.

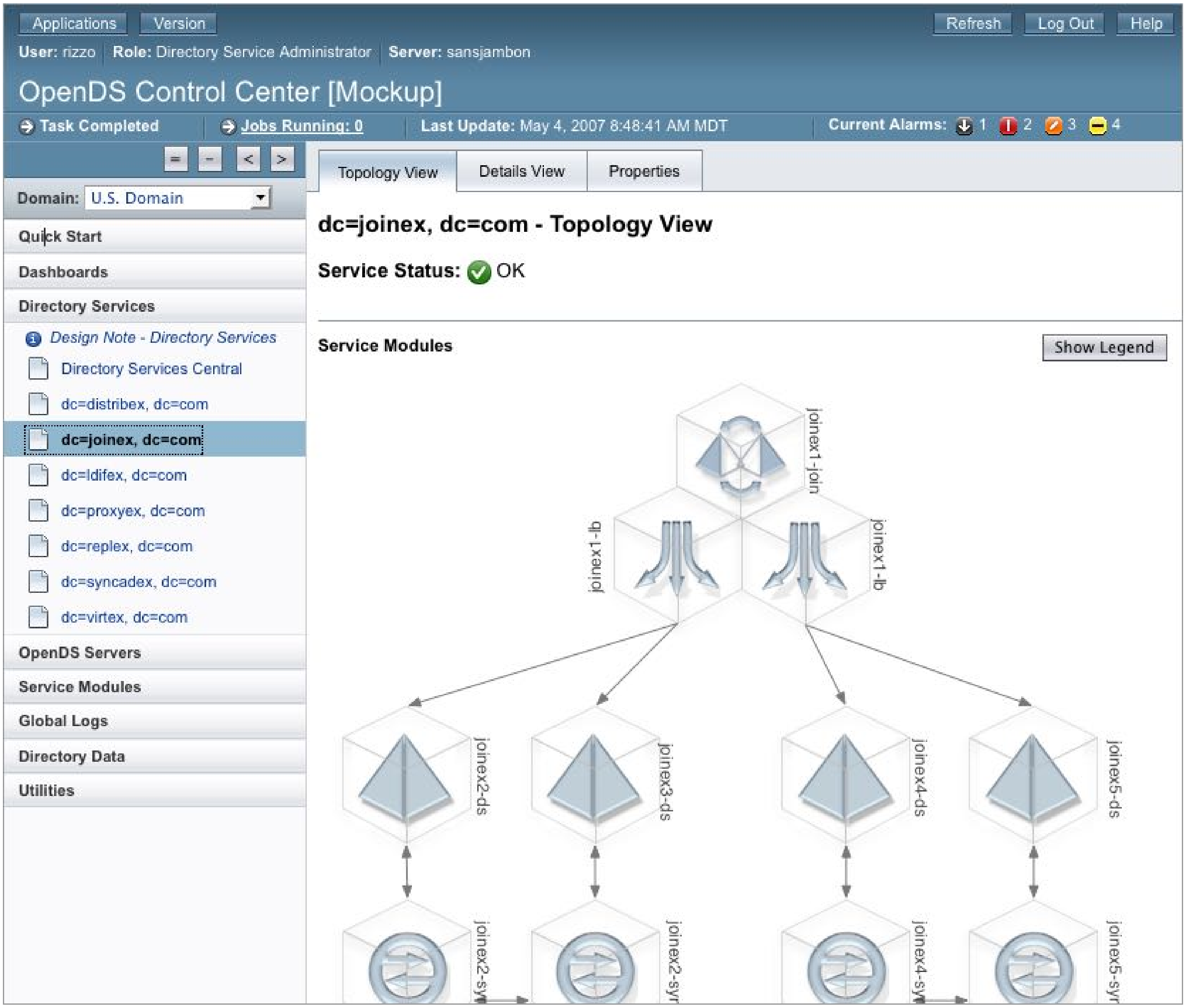
Activities: Card Sort, Usability Research



OpenDS Control Center (2007-2008)

This is a design for browser-based administration utility for remotely managing topologies of OpenDS instances. The mockup, which shows the Sun WebApps v4 look and feel, was created with html and uses css and javascript to specify interaction. Since OpenDS was an open source project, you can visit the Interactive Mockup link above to see the full design.

Activities: UI Design, CSS, HTML, Javascript and some Visual Design



User: rizzo Role: Directory Service Administrator Server: sansjambon

OpenDS Control Center [Mockup]

Task Completed Jobs Running: 0 Last Update: May 4, 2007 8:48:41 AM MDT Current Alarms: 1 2 3 4

Domain: U.S. Domain

dc=joinex, dc=com - Topology View

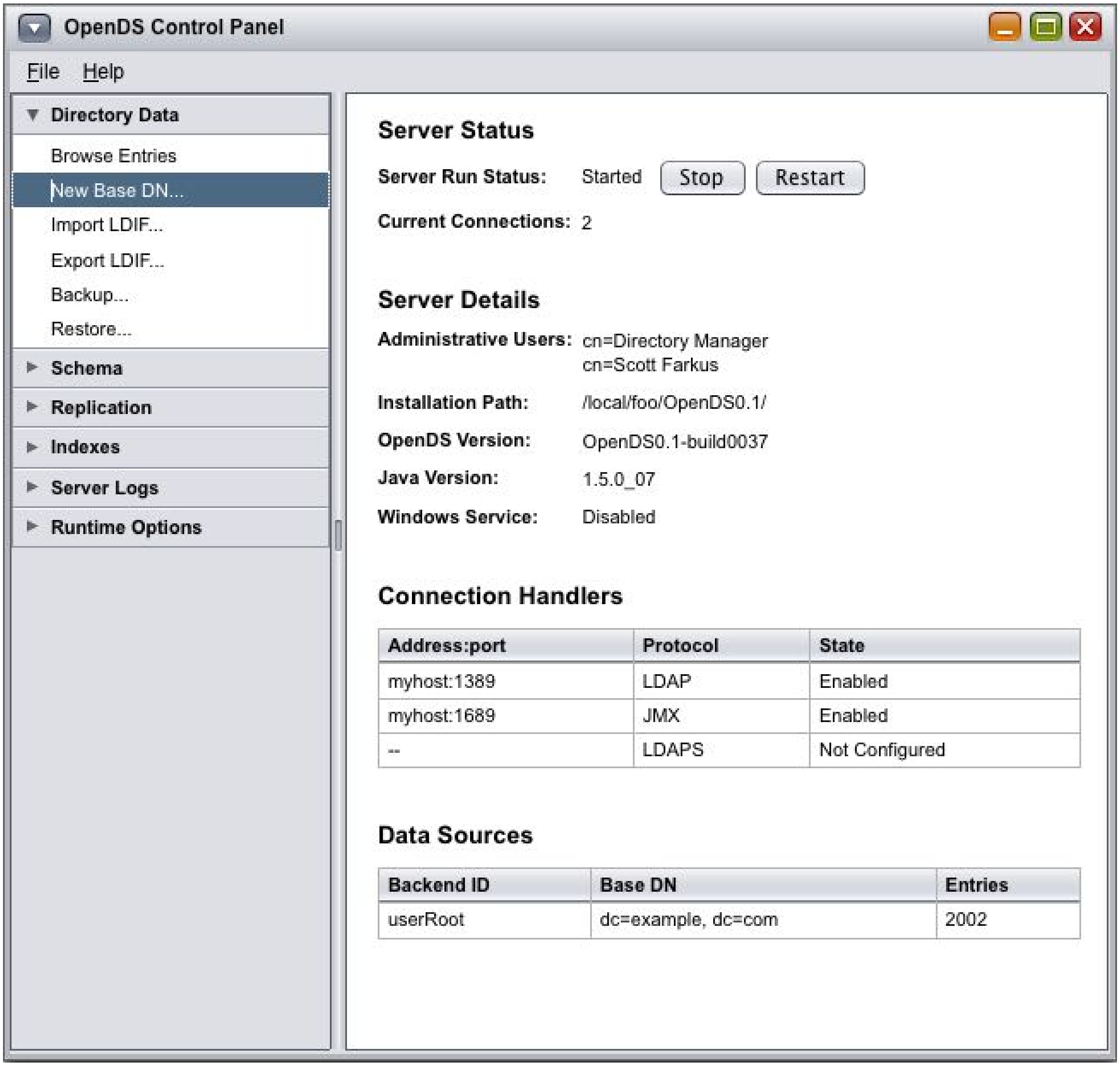
Service Status: OK

Service Modules

OpenDS Control Panel (2007-2008)

This is a design for Java Swing based utility for for managing local OpenDS LDAP directory server instances. The mockup, which shows a Java look and feel called Nimbus, was created with html and uses css and javascript to specify interaction. Since OpenDS was an open source project, you can visit the Interactive Mockup link above to see the full design.

Activities: UI Design and CSS, HTML and Javascript used to specify design



Server Status

Server Run Status: Started

Current Connections: 2

Server Details

Administrative Users: cn=Directory Manager
cn=Scott Farkus

Installation Path: /local/foo/OpenDS0.1/

OpenDS Version: OpenDS0.1-build0037

Java Version: 1.5.0_07

Windows Service: Disabled

Connection Handlers

Address:port	Protocol	State
myhost:1389	LDAP	Enabled
myhost:1689	JMX	Enabled
--	LDAPS	Not Configured

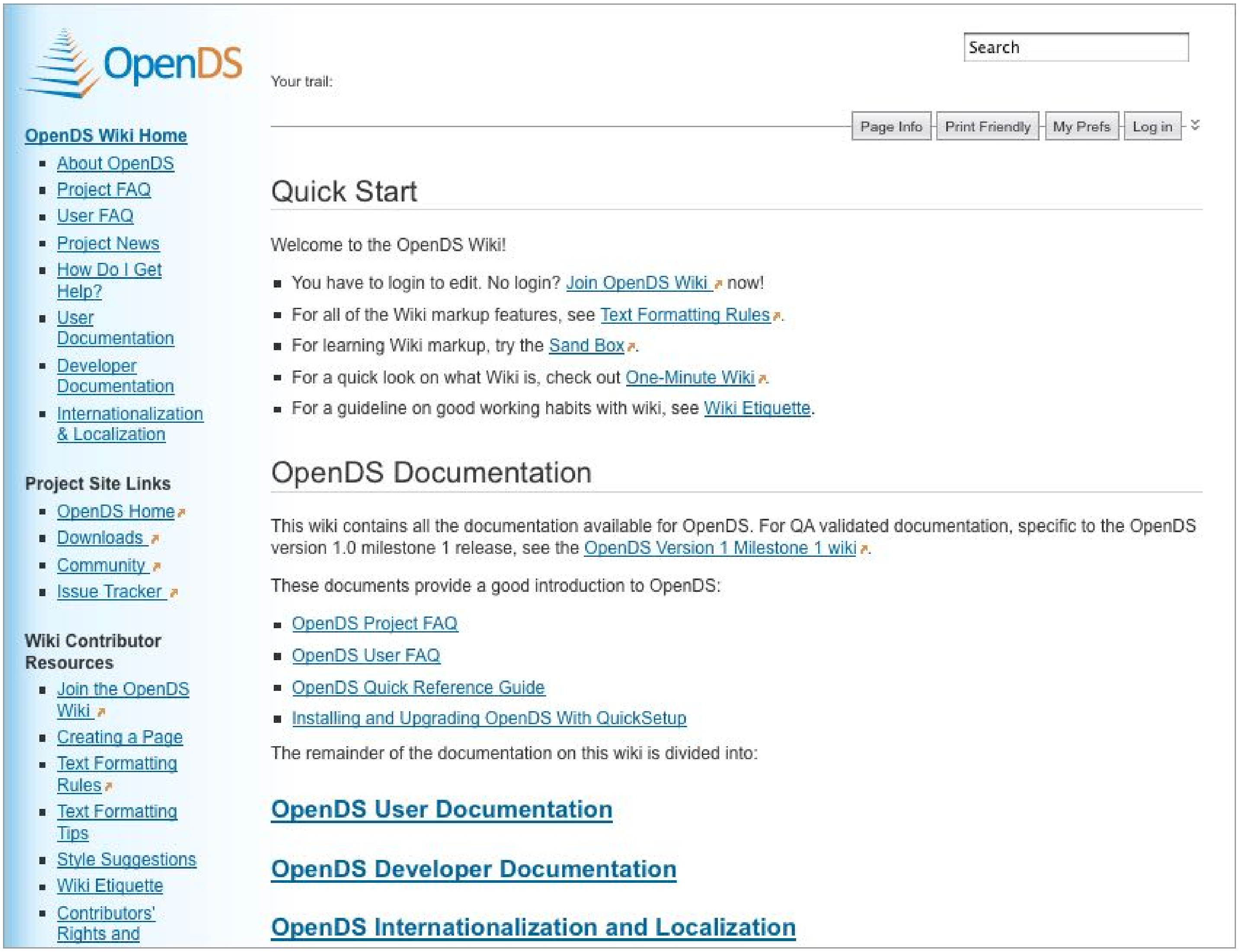
Data Sources

Backend ID	Base DN	Entries
userRoot	dc=example, dc=com	2002

OpenDS Wiki (2006-2007)

The OpenDS project decided to use jspwiki for their documentation wiki platform and so this project involved reskinning the default jspwiki look and feel to fit with the OpenDS branding scheme.

Activities: Visual Design, CSS Editing, and Light jsp Editing



Your trail:

OpenDS Wiki Home

- About OpenDS
- Project FAQ
- User FAQ
- Project News
- How Do I Get Help?
- User Documentation
- Developer Documentation
- Internationalization & Localization

Project Site Links

- OpenDS Home
- Downloads
- Community
- Issue Tracker

Wiki Contributor Resources

- Join the OpenDS Wiki
- Creating a Page
- Text Formatting Rules
- Text Formatting Tips
- Style Suggestions
- Wiki Etiquette
- Contributors' Rights and

Quick Start

Welcome to the OpenDS Wiki!

- You have to login to edit. No login? Join OpenDS Wiki now!
- For all of the Wiki markup features, see Text Formatting Rules.
- For learning Wiki markup, try the Sand Box.
- For a quick look on what Wiki is, check out One-Minute Wiki.
- For a guideline on good working habits with wiki, see Wiki Etiquette.

OpenDS Documentation

This wiki contains all the documentation available for OpenDS. For QA validated documentation, specific to the OpenDS version 1.0 milestone 1 release, see the OpenDS Version 1 Milestone 1 wiki.

These documents provide a good introduction to OpenDS:

- OpenDS Project FAQ
- OpenDS User FAQ
- OpenDS Quick Reference Guide
- Installing and Upgrading OpenDS With QuickSetup

The remainder of the documentation on this wiki is divided into:

OpenDS User Documentation

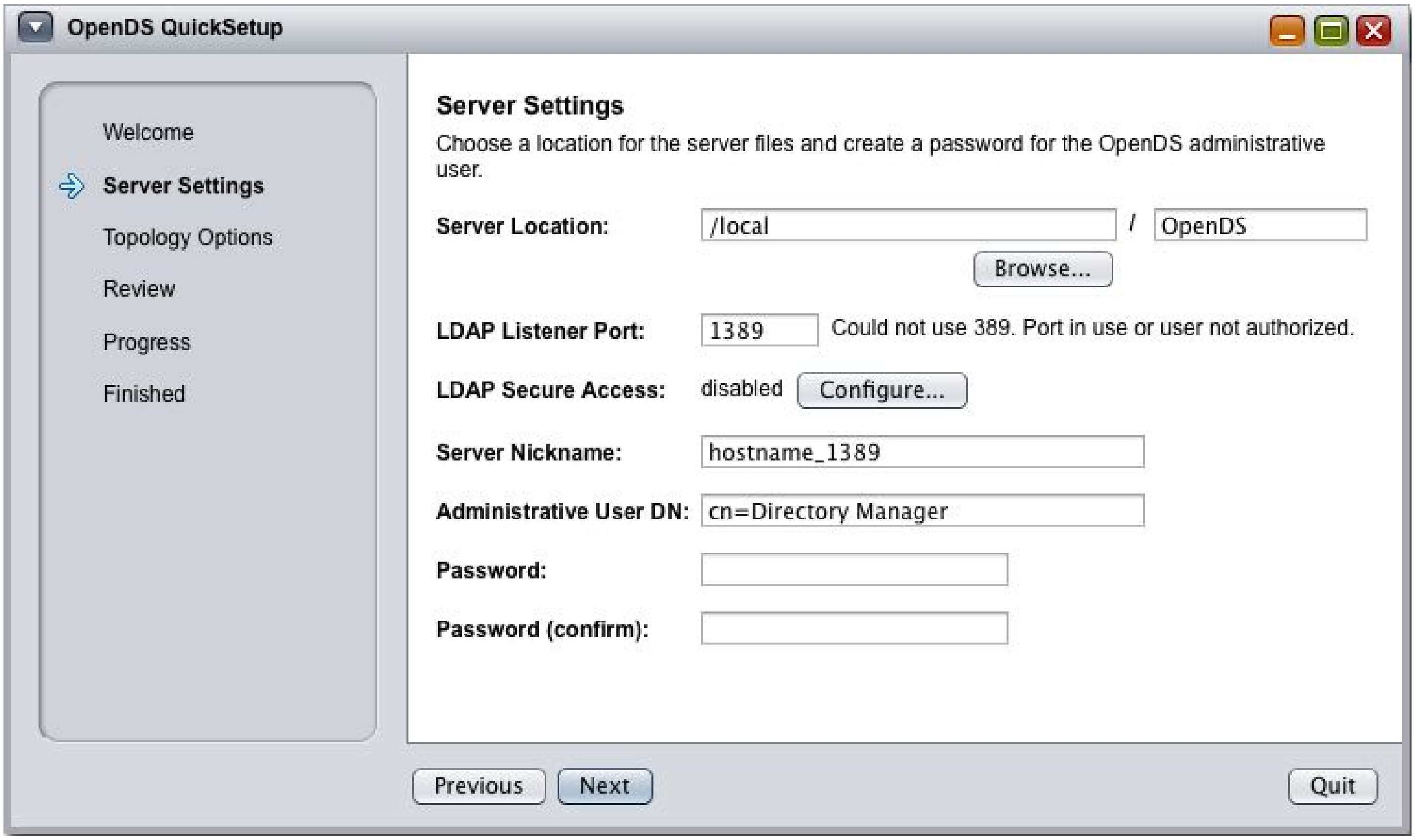
OpenDS Developer Documentation

OpenDS Internationalization and Localization

OpenDS QuickSetup (2006-2007)

This is a design for Java Swing based utility for installing and doing initial configuration on an OpenDS LDAP directory server. The mockup, which shows a Java look and feel called Nimbus, was created with html and uses css and javascript to specify interaction. Since OpenDS was an open source project, you can visit the Interactive Mockup link above to see the full design.

Activities: UI Design, CSS, HTML, Javascript and some Visual Design



Server Settings

Choose a location for the server files and create a password for the OpenDS administrative user.

Server Location: /local / OpenDS

LDAP Listener Port: 1389 Could not use 389. Port in use or user not authorized.

LDAP Secure Access: disabled

Server Nickname: hostname_1389

Administrative User DN: cn=Directory Manager

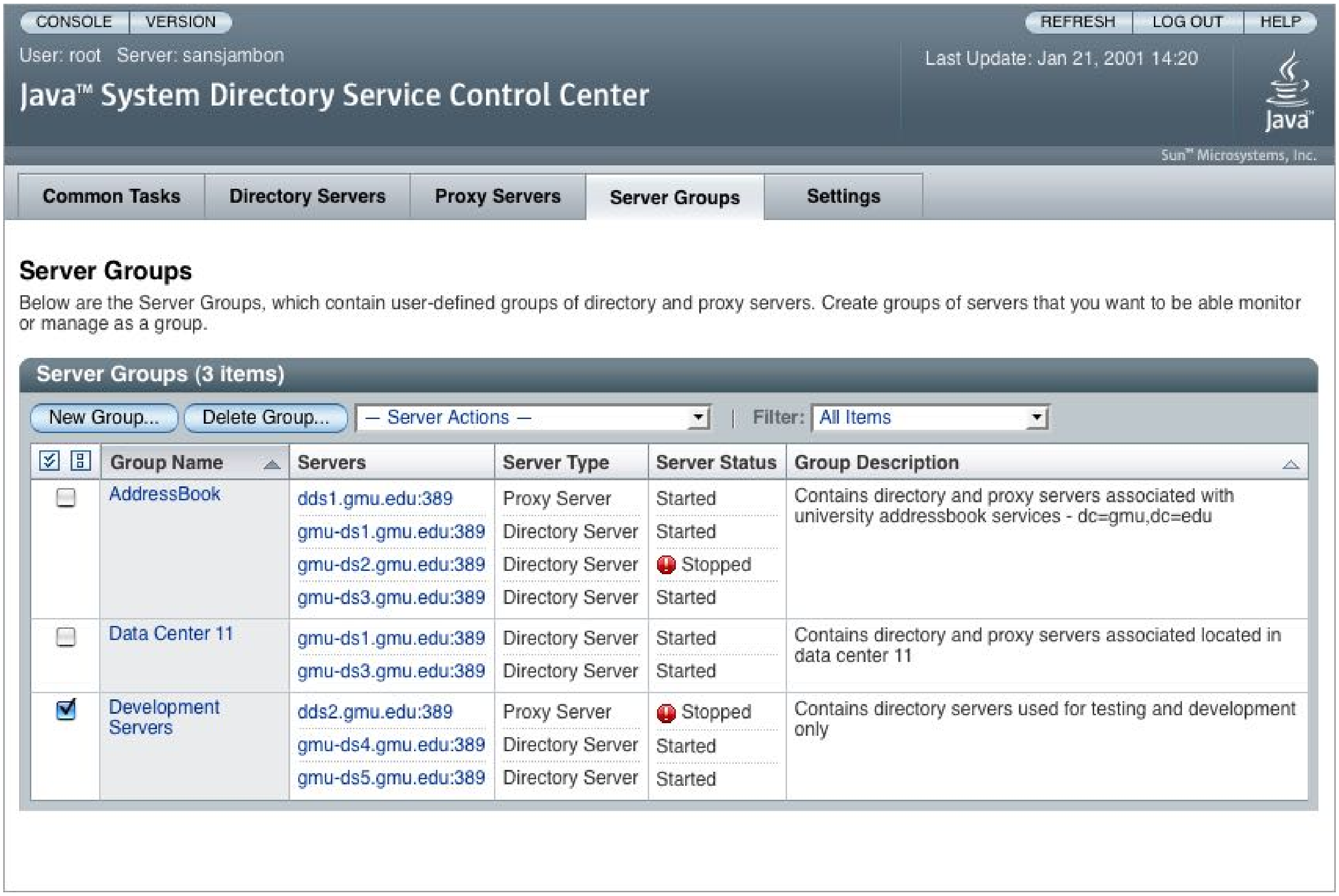
Password:

Password (confirm):

Directory Service Control Center (2004-2005)

This is a design for browser-based administration utility for remotely managing topologies of LDAP Directory Servers and Directory Proxy instances. The mockup, which shows the Sun WebApps v3 look and feel, was created with html and uses css and javascript to specify interaction. The mockup, when finished, specified design for over 200 pages.

Activities: UI Design, CSS, HTML, Javascript and some Visual Design



User: root   Server: sansjambon

Last Update: Jan 21, 2001 14:20

Java™ System Directory Service Control Center

Server Groups

Below are the Server Groups, which contain user-defined groups of directory and proxy servers. Create groups of servers that you want to be able monitor or manage as a group.

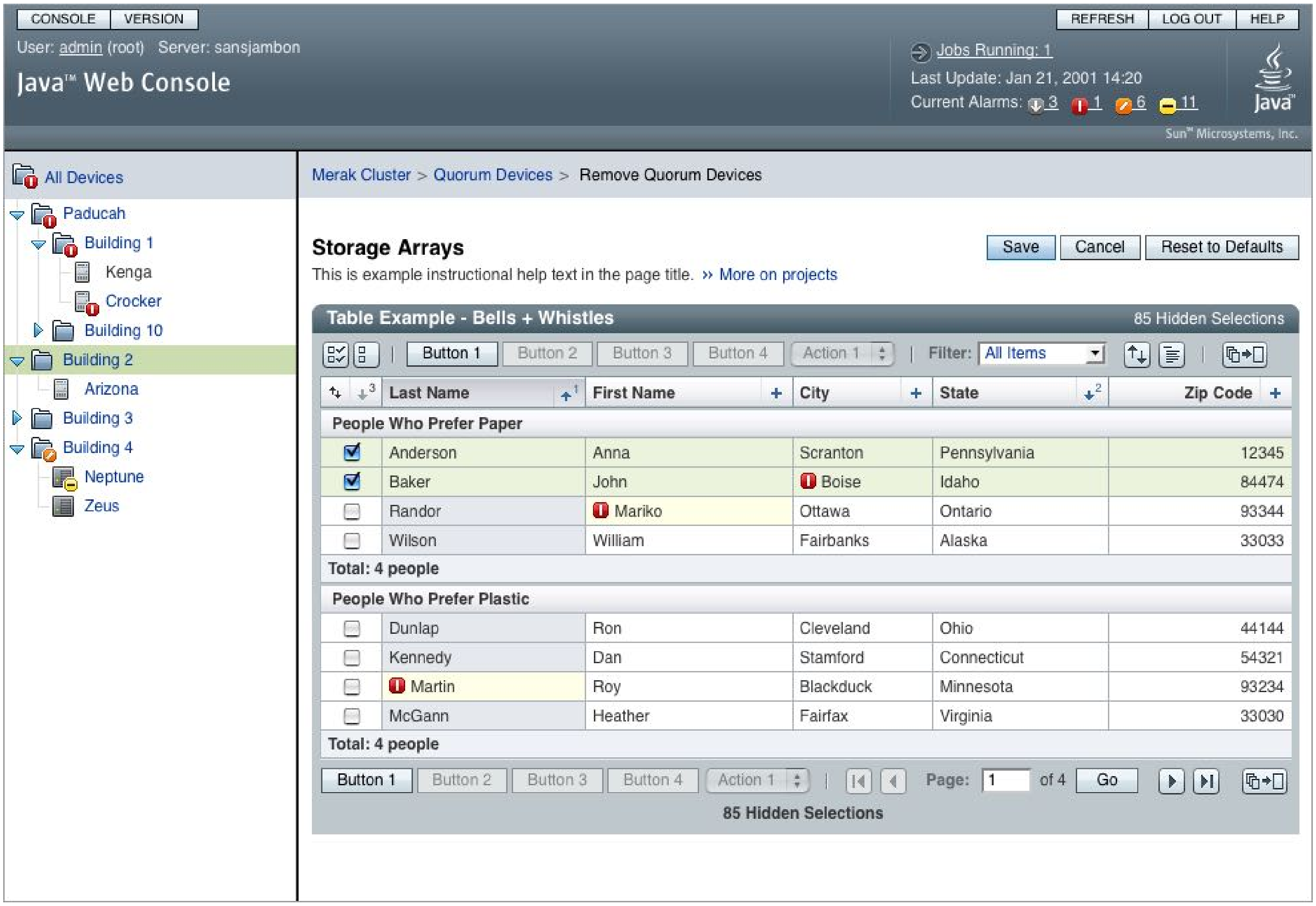
Server Groups (3 items)

	Group Name	Servers	Server Type	Server Status	Group Description
☐	AddressBook	dds1.gmu.edu:389	Proxy Server	Started	Contains directory and proxy servers associated with university addressbook services - dc=gmu,dc=edu
		gmu-ds1.gmu.edu:389	Directory Server	Started	
		gmu-ds2.gmu.edu:389	Directory Server	❗ Stopped	
		gmu-ds3.gmu.edu:389	Directory Server	Started	
☐	Data Center 11	gmu-ds1.gmu.edu:389	Directory Server	Started	Contains directory and proxy servers associated located in data center 11
		gmu-ds3.gmu.edu:389	Directory Server	Started	
☑	Development Servers	dds2.gmu.edu:389	Proxy Server	❗ Stopped	Contains directory servers used for testing and development only
		gmu-ds4.gmu.edu:389	Directory Server	Started	
		gmu-ds5.gmu.edu:389	Directory Server	Started	

Sun WebApps v3 (2003-2004)

It turned out that the branding scheme that the v2 Sun WebApps look and feel was based on was short-lived. Another one emerged and my role was to implement the new brand, which was substantially different than the prior one, by specifying all new css, html, and javascript for the development team implementing the UI components.

Activities: UI Design, CSS, HTML, Javascript and some Visual Design



User: admin (root) Server: sansjambon

Jobs Running: 1

Last Update: Jan 21, 2001 14:20

Current Alarms: 3 1 6 11

Storage Arrays

This is example instructional help text in the page title. » More on projects

Table Example - Bells + Whistles — 85 Hidden Selections

	Last Name	First Name	City	State	Zip Code
People Who Prefer Paper					
☑	Anderson	Anna	Scranton	Pennsylvania	12345
☑	Baker	John	Boise	Idaho	84474
□	Randor	Mariko	Ottawa	Ontario	93344
□	Wilson	William	Fairbanks	Alaska	33033
Total: 4 people					
People Who Prefer Plastic					
□	Dunlap	Ron	Cleveland	Ohio	44144
□	Kennedy	Dan	Stamford	Connecticut	54321
□	Martin	Roy	Blackduck	Minnesota	93234
□	McGann	Heather	Fairfax	Virginia	33030
Total: 4 people					

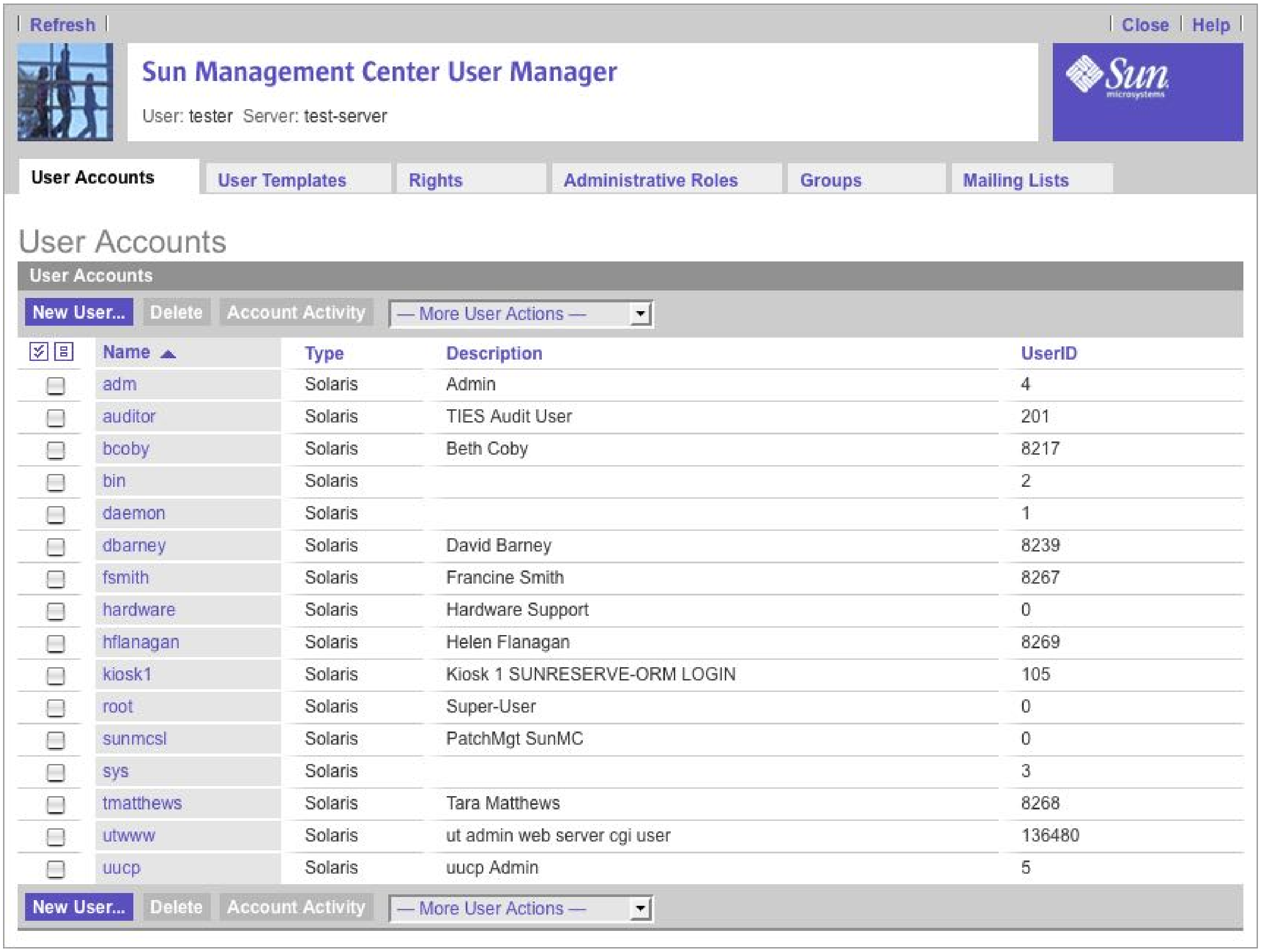
Page: 1 of 4

85 Hidden Selections

Sun WebApps v2 (2002-2003)

The group that was working on Sun WebApps guidelines and common UI components was making headway and so it was decided to hire an outside firm to re-brand the 20 components we had come up with. My role was to implement the new brand, which was substantially different than the prior one, and specify all new css, html, and javascript. At this point a development team was formed to turn our designs into jato components that could be embedded into webapps.

Activities: HTML, CSS, some Javascript and some UI Design



Sun Management Center User Manager

User: tester Server: test-server

User Accounts

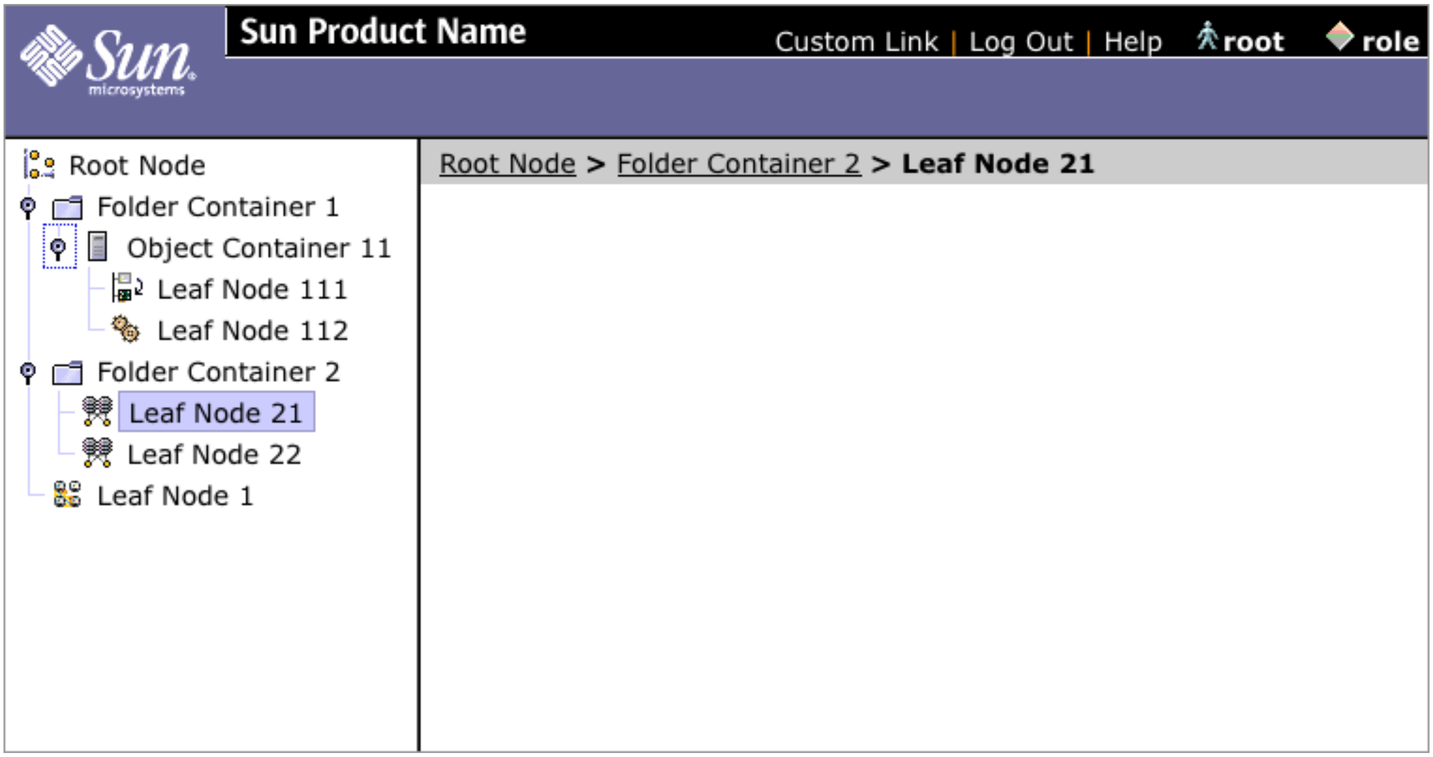
User Accounts

☑ ▤	Name ▲	Type	Description	UserID
☐	adm	Solaris	Admin	4
☐	auditor	Solaris	TIES Audit User	201
☐	bcoby	Solaris	Beth Coby	8217
☐	bin	Solaris		2
☐	daemon	Solaris		1
☐	dbarney	Solaris	David Barney	8239
☐	fsmith	Solaris	Francine Smith	8267
☐	hardware	Solaris	Hardware Support	0
☐	hflanagan	Solaris	Helen Flanagan	8269
☐	kiosk1	Solaris	Kiosk 1 SUNRESERVE-ORM LOGIN	105
☐	root	Solaris	Super-User	0
☐	sunmcsl	Solaris	PatchMgt SunMC	0
☐	sys	Solaris		3
☐	tmatthews	Solaris	Tara Matthews	8268
☐	utwww	Solaris	ut admin web server cgi user	136480
☐	uucp	Solaris	uucp Admin	5

Sun WebApps v1 (2001)

A group of designers formed in 2001 to create design guidelines and a standard look and feel for Sun's systems administration applications. A few of us were responsible for coding the html and css for these designs. This effort continued through several generations, this one was based on the 2001 sun.com look.

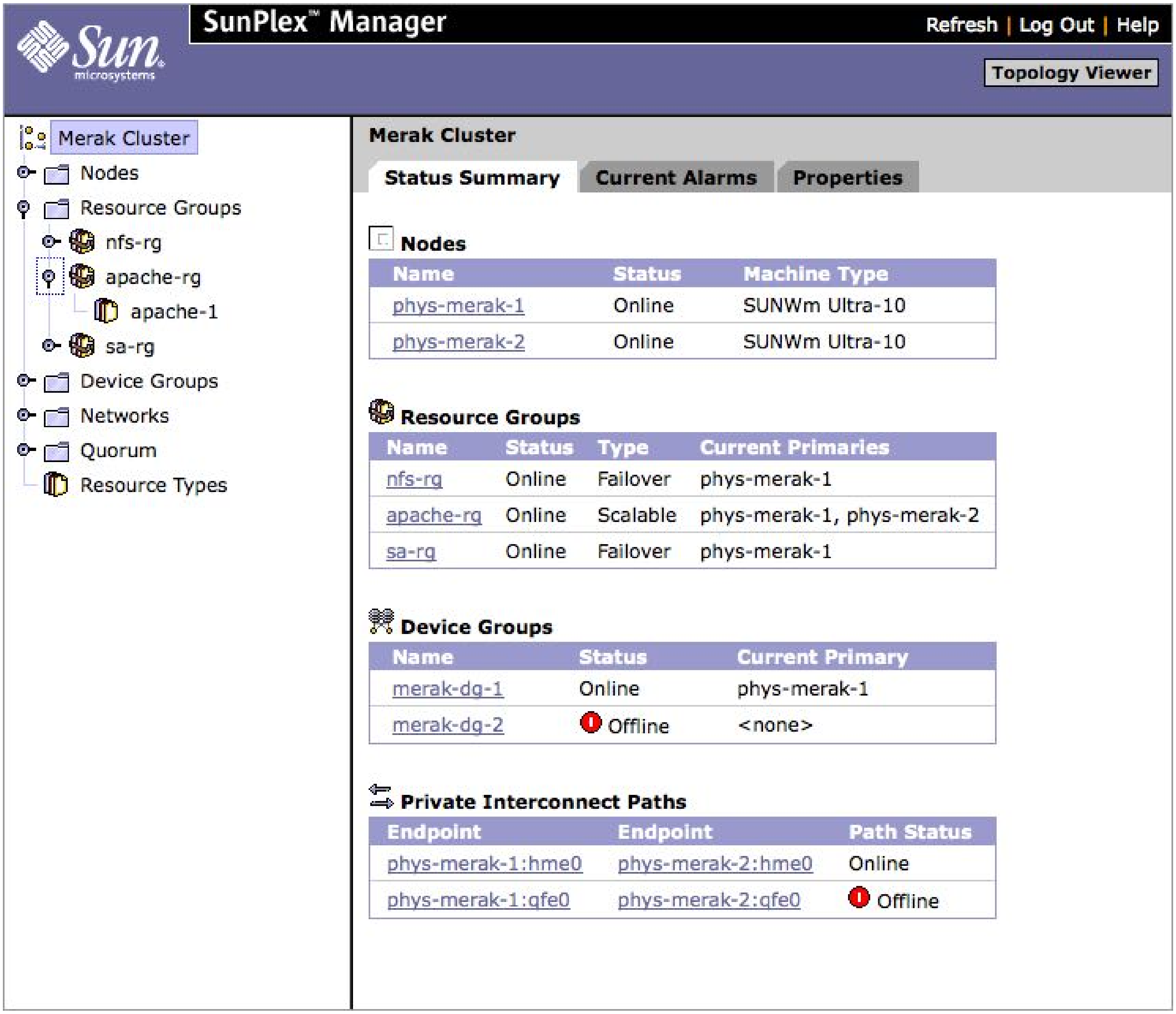
Activities: UI Design, CSS, HTML, Javascript and some Visual Design



SunPlex Manager (2000-2001)

The Sun Cluster team decided to make a browser based UI for managing clustered systems. I designed a UI and created an interactive mockup of the SunPlex Manager UI. The mockup was a quite complete representation of the final tool, at over 100 html pages. The tool, when coded by the team, used the css files I provided and used perl to generate the html specified in the mockup.

Activities: UI Design, CSS, HTML, Javascript and some Visual Design



Merak Cluster

Nodes

Name	Status	Machine Type
phys-merak-1	Online	SUNWm Ultra-10
phys-merak-2	Online	SUNWm Ultra-10

Resource Groups

Name	Status	Type	Current Primaries
nfs-rg	Online	Failover	phys-merak-1
apache-rg	Online	Scalable	phys-merak-1, phys-merak-2
sa-rg	Online	Failover	phys-merak-1

Device Groups

Name	Status	Current Primary
merak-dg-1	Online	phys-merak-1
merak-dg-2	● Offline	<none>

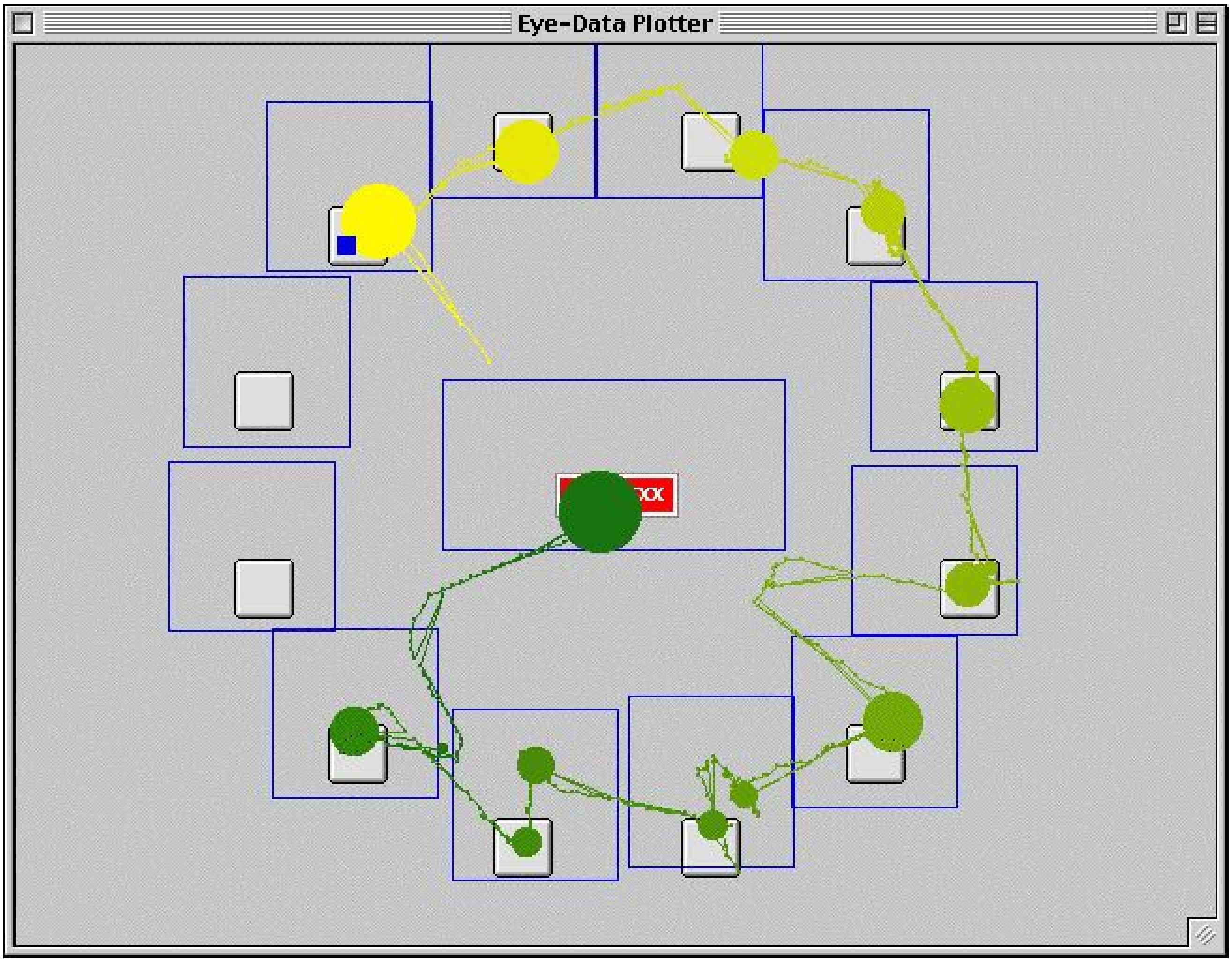
Private Interconnect Paths

Endpoint	Endpoint	Path Status
phys-merak-1:hme0	phys-merak-2:hme0	Online
phys-merak-1:qfe0	phys-merak-2:qfe0	● Offline

Eye Tracker Plotter (1999)

For my dissertation I collected eye tracking data from subjects as they learned the locations of buttons on a text editor type of tool. This plotter shows the pattern and dwell of eye movement for a task trial. The colors go from green to yellow as time passes, and the larger circles mean longer dwell time.

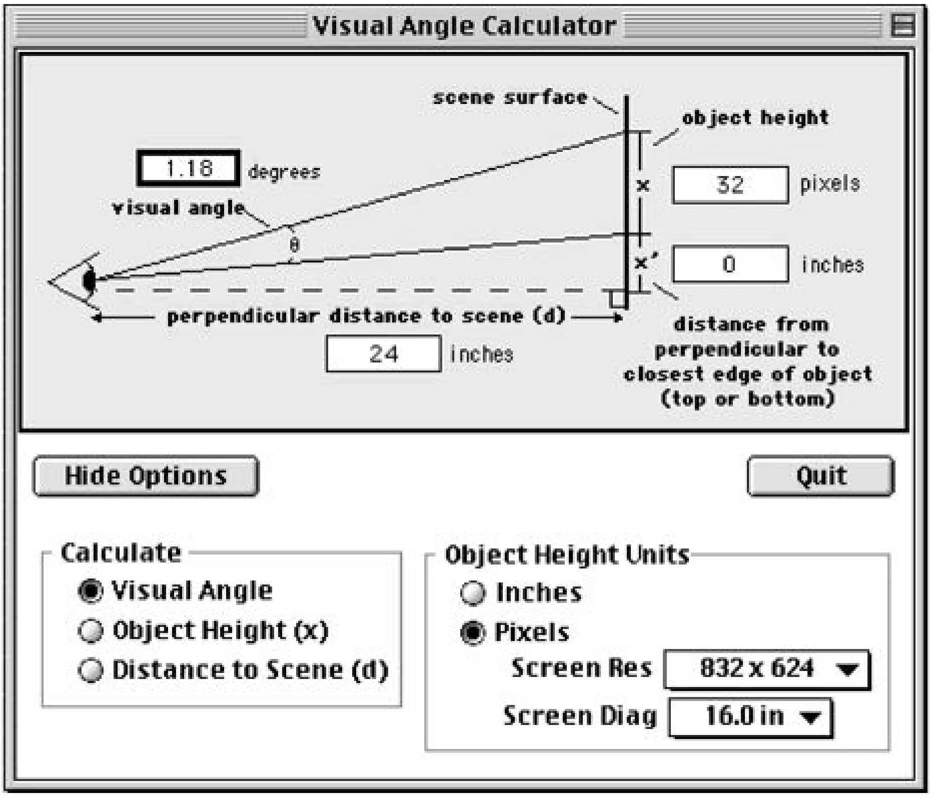
Activities: UI Design and Coding



Visual Angle Calculator (1998)

We got an eye tracker in the ARCH Lab at GMU for conducting research on perception and cognition and so we needed to be able to calculate the visual angle subtended by objects our subjects were looking at. I coded this application in Macintosh Common Lisp to do just this.

Activities: UI Design and Coding



Visual Angle Calculator
scene surface
object height
visual angle
θ
x
x'
perpendicular distance to scene (d)
distance from perpendicular to closest edge of object (top or bottom)
Hide Options
Quit

1.18 degrees

32 pixels

0 inches

24 inches

Calculate

● Visual Angle
○ Object Height (x)
○ Distance to Scene (d)

Object Height Units

○ Inches
● Pixels

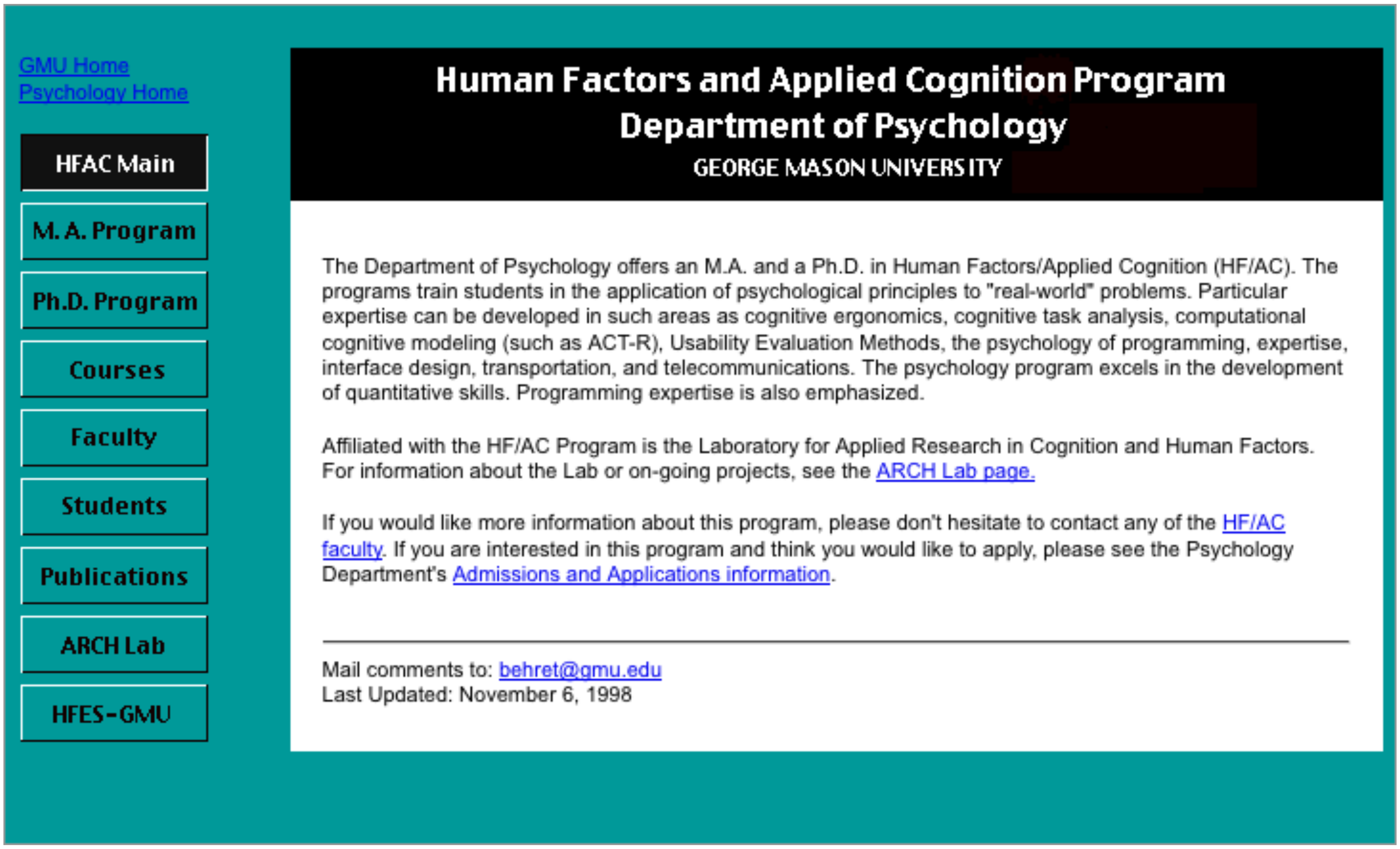
Screen Res 832 x 624

Screen Diag 16.0 in

Program Website (1998)

Our Human Factors and Applied Cognition program at George Mason wanted its own web site and server and I got tasked with doing it. Not a thing of beauty, but hey, it had snazzy rollover buttons.

Activities: UI Design, CSS, HTML, Javascript and Visual Design (such as it is)



Human Factors and Applied Cognition Program
Department of Psychology
GEORGE MASON UNIVERSITY

The Department of Psychology offers an M.A. and a Ph.D. in Human Factors/Applied Cognition (HF/AC). The programs train students in the application of psychological principles to "real-world" problems. Particular expertise can be developed in such areas as cognitive ergonomics, cognitive task analysis, computational cognitive modeling (such as ACT-R), Usability Evaluation Methods, the psychology of programming, expertise, interface design, transportation, and telecommunications. The psychology program excels in the development of quantitative skills. Programming expertise is also emphasized.

Affiliated with the HF/AC Program is the Laboratory for Applied Research in Cognition and Human Factors. For information about the Lab or on-going projects, see the ARCH Lab page.

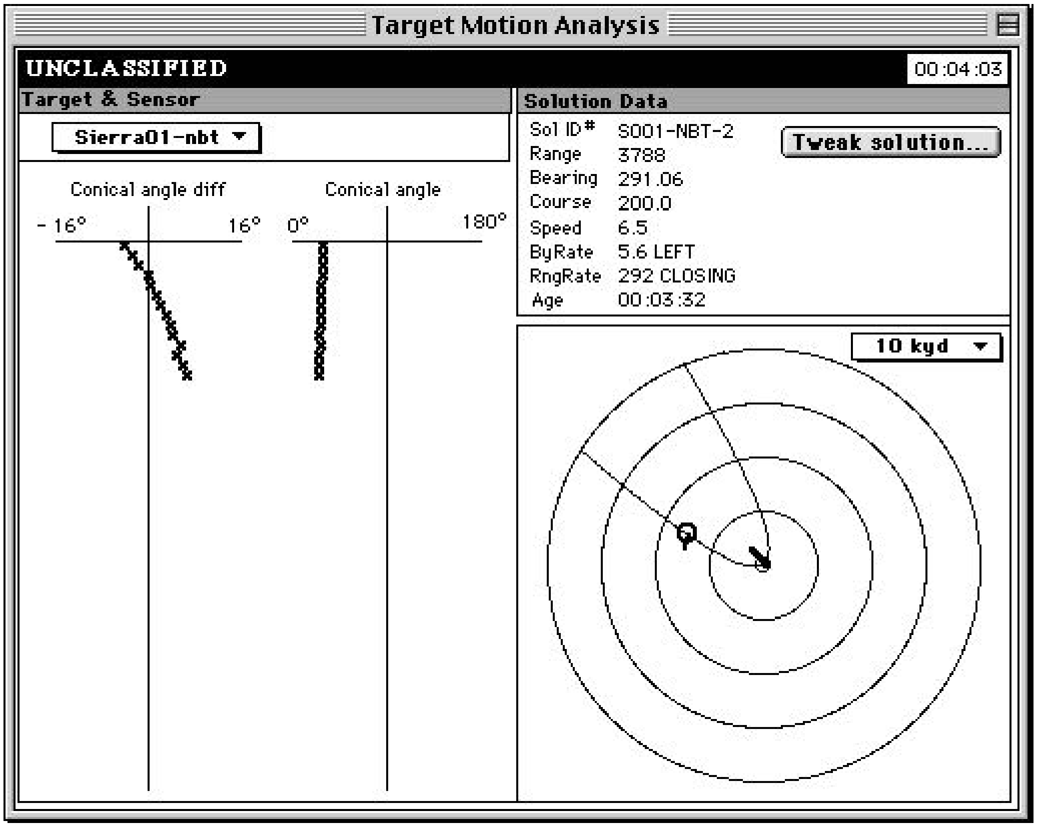
If you would like more information about this program, please don't hesitate to contact any of the HF/AC faculty. If you are interested in this program and think you would like to apply, please see the Psychology Department's Admissions and Applications information.

Mail comments to: behret@gmu.edu
Last Updated: November 6, 1998

Submarine Simulator (1996-1997)

This is one of the ten displays from Ned, a low-fidelity submarine simulator based on one we were using in research on a grant with the U.S. Navy. We used it to collect data from sub commanders and then to create an ACT-R model of submariner situation assessment. It was written in Macintosh Common Lisp.

Activities: UI Design and Coding

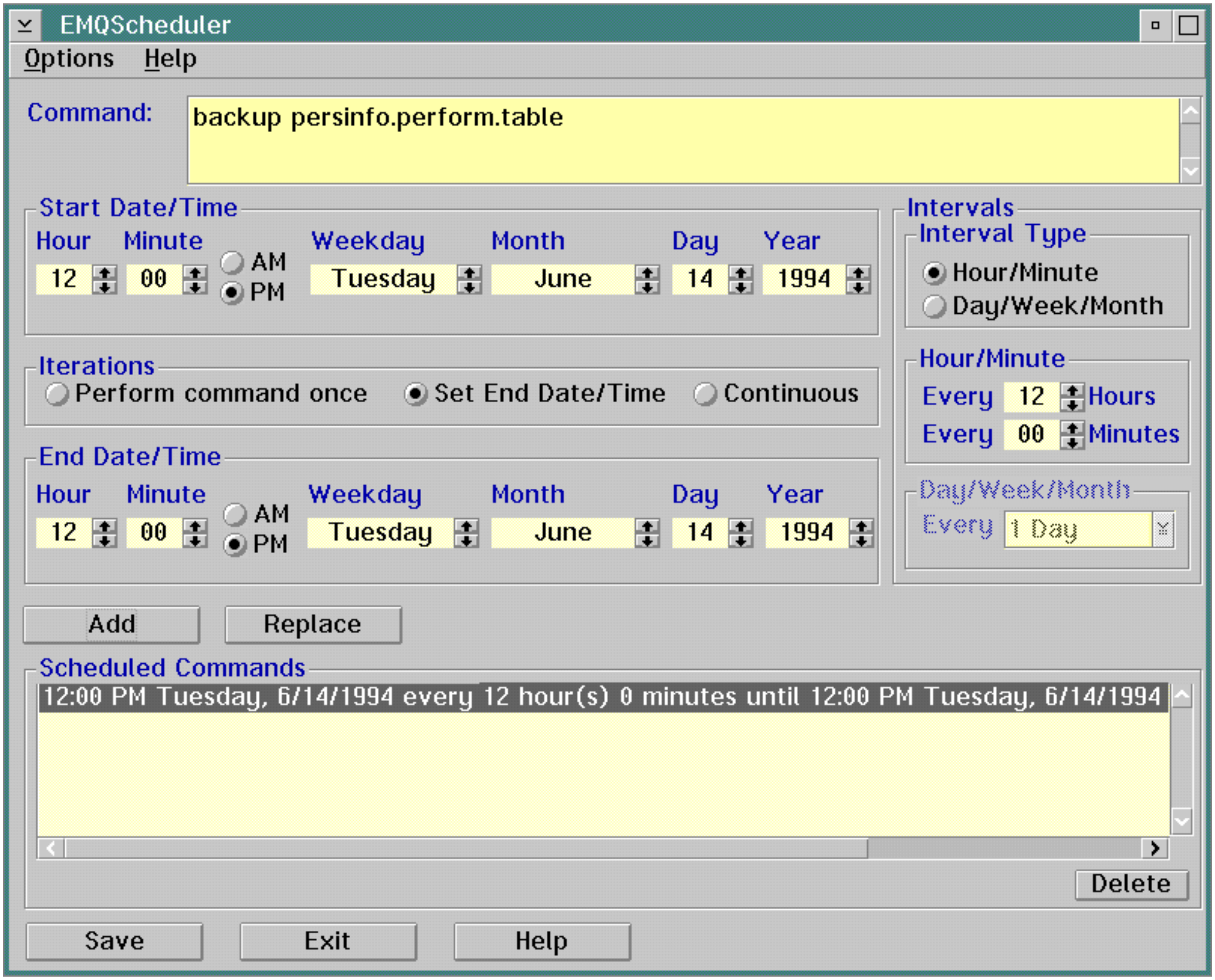


Sol ID# S001-NBT-2
Range 3788
Bearing 291.06
Course 200.0
Speed 6.5
ByRate 5.6 LEFT
RngRate 292 CLOSING
Age 00:03:32

EMQ Scheduler (1994)

I created this prototype for a database job scheduler in REXX using a tool called Dr.Dialog while on my internship at IBM. The look and feel is OS/2. We used this in a round of usability testing.

Activities: UI Design and Coding



Command: backup persinfo.perform.table

Start Date/Time
Hour 12 Minute 00 ○ AM ● PM Weekday Tuesday Month June Day 14 Year 1994

Iterations
○ Perform command once ● Set End Date/Time ○ Continuous

End Date/Time
Hour 12 Minute 00 ○ AM ● PM Weekday Tuesday Month June Day 14 Year 1994

Intervals
Interval Type
● Hour/Minute
○ Day/Week/Month

Hour/Minute
Every 12 Hours
Every 00 Minutes

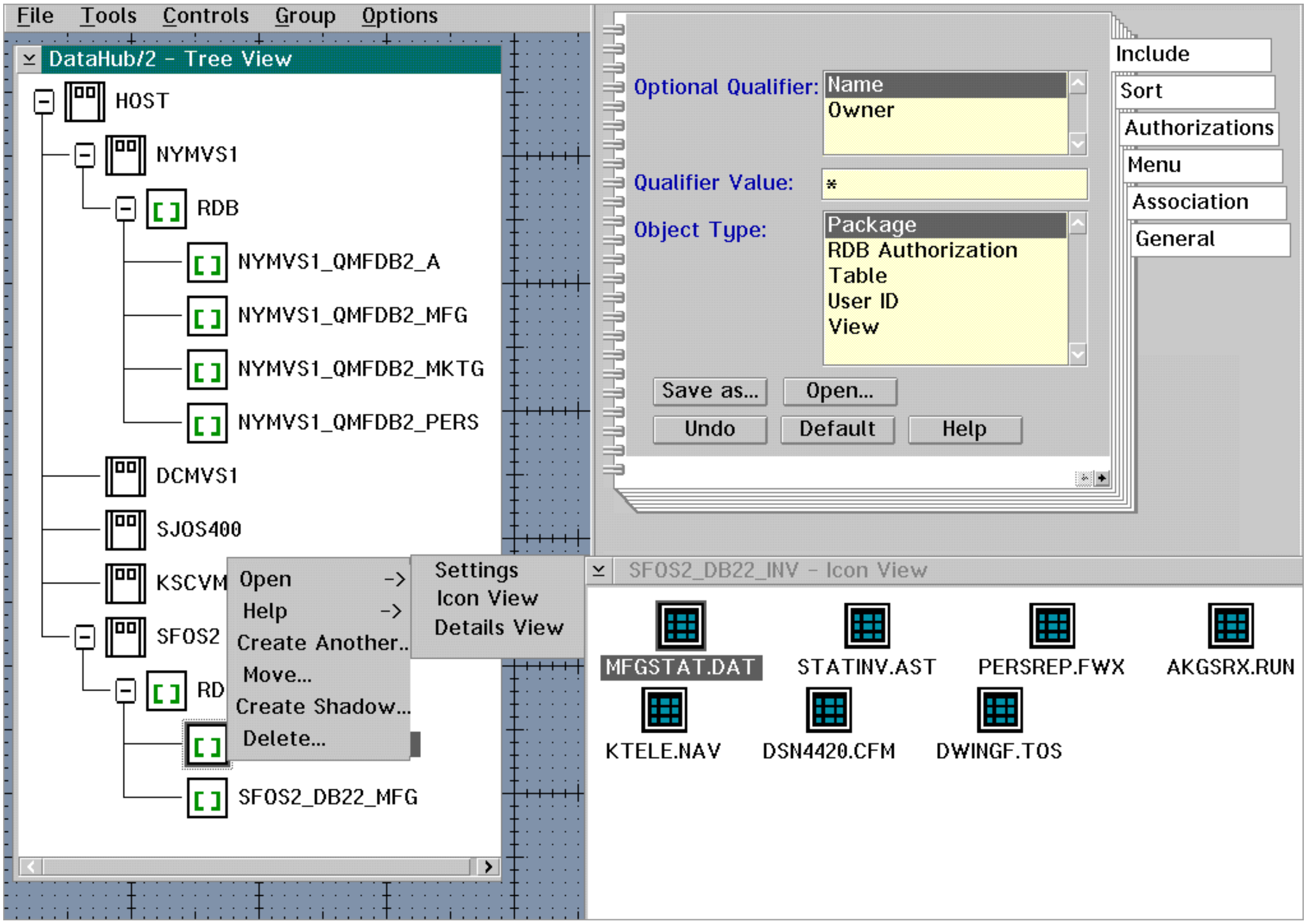
Day/Week/Month
Every 1 Day

Scheduled Commands
12:00 PM Tuesday, 6/14/1994 every 12 hour(s) 0 minutes until 12:00 PM Tuesday, 6/14/1994

DataHub Mockup (1993)

Created this prototype for a database management application in REXX using a tool called Dr.Dialog while on my internship at IBM. The look and feel is OS/2. We used this in a round of usability testing.

Activities: UI Design and Coding



Optional Qualifier: Name
Owner

Qualifier Value: *

Object Type: Package
RDB Authorization
Table
User ID
View