

March 20, 2008

Team DunKyan

CS 499 MIDTERM PRESENTATION

BRIEF OVERVIEW

- ✘ Functionality implemented to date
- ✘ Current activities
- ✘ Plans for rest of semester
- ✘ Software demonstration
 - + Reporting Application
 - + I.S. Management Application

FUNCTIONALITY IMPLEMENTED TO DATE

- ✘ Login page
- ✘ Reporting Application (partially complete)
 - + Site connections
 - + Querying
 - + Subscribing
 - + Result viewing
- ✘ I.S. Management Application (complete)
 - + User Manager
 - + Profile Manager
 - + Site Manager
 - + Reporting Application

LOGIN PAGE

- ✘ Created superuser
- ✘ Setup permissions for regular users
- ✘ Check active status of user

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nSite Central

Login to nSite Central

User Name:

Password:

Remember me next time.

Log In



REPORTING APP – SITE CONNECTIONS

- ✘ Select a group of sites
- ✘ Select multiple, individual sites
- ✘ Hover tooltip displays description of groups and IP addresses of sites

REPORTING APP – QUERYING

- ✘ Create a query
- ✘ Save a query
- ✘ Execute a query
- ✘ Modify a query
- ✘ Query ownerships
- ✘ Query sharing
- ✘ Field validation

REPORTING APP - SUBSCRIBING

- ✘ GUI for subscribing is set up, but functionality is not yet implemented

The screenshot shows a web-based interface for reporting. It is divided into several sections:

- Select a query...:** A dropdown menu labeled "Report" with the value "custom" selected.
- ...or make one yourself:** A section for creating a new report, containing:
 - A text input field for "Report Name".
 - A larger text area for "SQL Command" with scrollbars.
 - A "Syntax Helper" button below the SQL Command field.
- Subscription service:** A section for managing subscriptions, containing:
 - A "Subscription Status" label and a checkbox labeled "Subscribe".
 - Two buttons: "Save" and "Execute".
 - A "Save & Execute" button below the "Save" and "Execute" buttons.

At the bottom of the interface, there is a footer: "Copyright © 2009 Patterson Dental".

REPORTING APP – RESULT VIEWING

- ✘ Currently displays results in a gridview

Patterson Dental nSite Central				
Results				
inside processClickInside setConnectionStringSITECONNSTR=Data Source=4.33.183.241:2000;Initial Catalog=mock_info;User ID=mike;Password=pa				
ID	firstHalf	secondHalf	total	company
1	50	78	128	Taco Bell
2	125000	500000000	167	Patterson
3	1525	15156	25251	Microsoft
4	33663	525	434435	Google
5	43636		41463	Yahoo
6	3626	8842	143456	McDonalds
7	3262	82	34134	Wal-Mart
8	2	2	721437	KFC
9	3	28	16136	A&W
10	2366	282828	1846919	Long John Silver's
11	2636	828	18934	Pizza Hut
12	62	2	1	Wendy's
13	36781	282828	13	Walgreen's
14	122	828	2563	Huck's
15	3525	82	276	Pinch Penny Liquors
16	3778	7	7721	Stix
17	223	6	131	17th Street
18	234	13	1777	Silkworm
19	123	325	2515	Jackson Hewitt
20	1000000	2000000	3000000	Sessions Inc.

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I.S. APP – USER MANAGER

- × Create user
- × Modify user
 - + Personal information
 - + Permissions
 - + Active status
- × Delete user

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User Manager

Reporting App

Profile Manager

Site Manager

User Manager

Select User

	<u>ID</u>	<u>firstname</u>	<u>lastname</u>	<u>email</u>	<u>securityProfile</u>	<u>status</u>	
Delete	1	michael	sessions	mjdmmv@hotmail.com	10	1	Edit
Delete	4	kyle	kerrigan	kyle@kyle.com	1	1	Edit
Delete	8	Austyn	Krutsinger	austyn@siu.edu	0	1	Edit
Delete	23	Iain	Smith	smith@iain.com	1	0	Edit
Delete	26	Sean	Connery	connery@sean.com	10	1	Edit
Delete	27	bill	clinton	billybob@hotmail.com	10	1	Edit
Delete	28	John	Wayne	western@yahoo.com	10	0	Edit
Delete	29	Sarah	Palin	alaskaRULZ@al.us	11	1	Edit
Delete	30	McGruff	CrimeDog	kids_dont_smoke@stopCrime.com	10	1	Edit
Delete	31	Barney	Rubble	yabadaba@doo.com	11	1	Edit

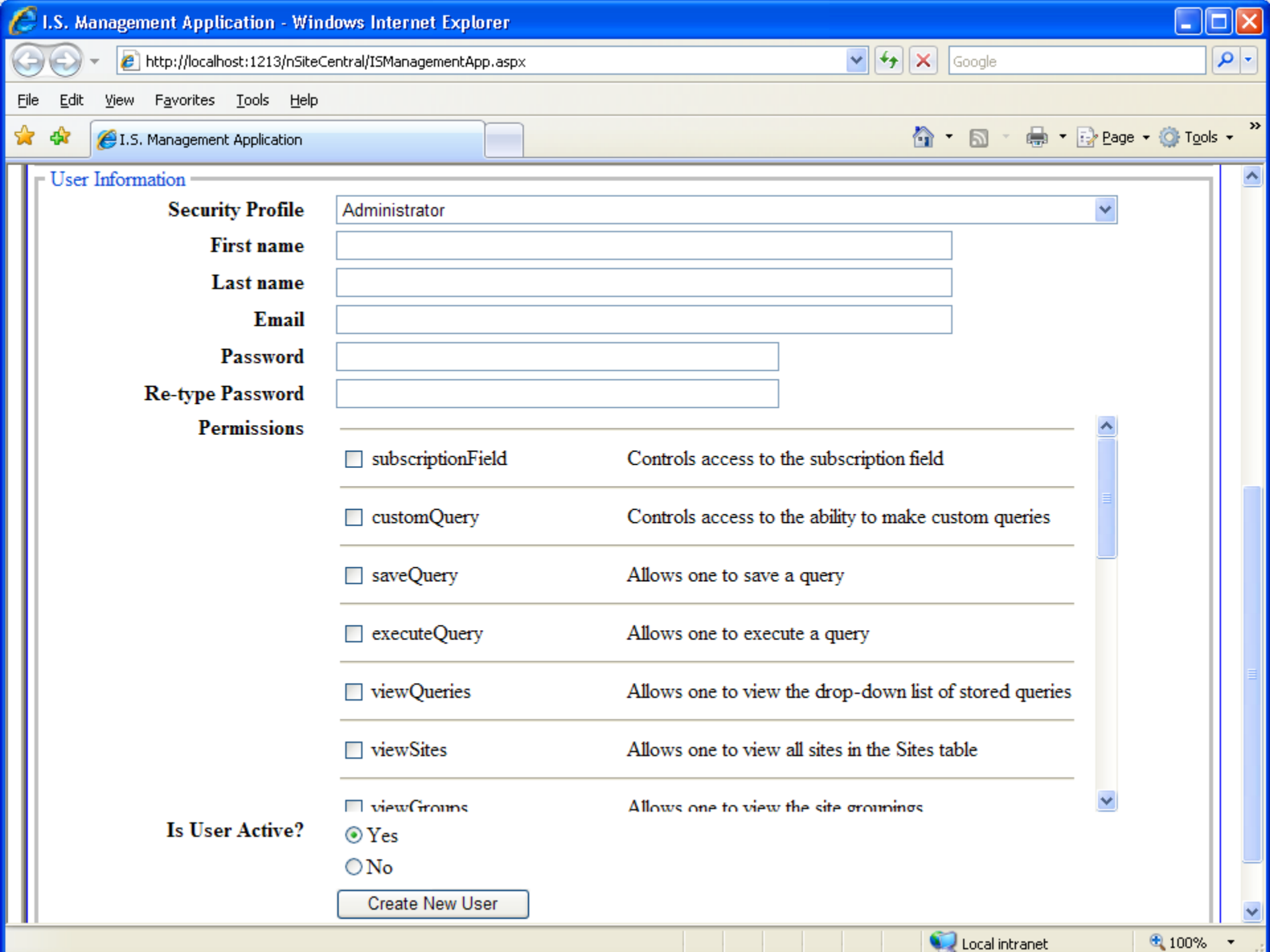
1 2

User Information

Security Profile

Administrator

First name



User Information

Security Profile

Administrator

First name

Last name

Email

Password

Re-type Password

Permissions

- subscriptionField Controls access to the subscription field
- customQuery Controls access to the ability to make custom queries
- saveQuery Allows one to save a query
- executeQuery Allows one to execute a query
- viewQueries Allows one to view the drop-down list of stored queries
- viewSites Allows one to view all sites in the Sites table
- viewGroups Allows one to view the site groupings

Is User Active?

- Yes
- No

Create New User

I.S. APP – PROFILE MANAGER

- ✘ Create profile
- ✘ Modify profile
- ✘ Delete profile

Select Profile

	<u>ID</u>	<u>name</u>	<u>description</u>	
Delete	10	Administrator	Default top level account permission settings	Edit
Delete	12	Employee	Default user permission settings	Edit
Delete	13	Limited	Very limited permissions to restrict a users access to more advanced functionality	Edit

Profile Information

Profile Name

Description

Permissions

- subscriptionField Controls access to the subscription field
- customQuery Controls access to the ability to make custom queries
- saveQuery Allows one to save a query
- executeQuery Allows one to execute a query
- viewQueries Allows one to view the drop-down list of stored queries
- viewSites Allows one to view all sites in the Sites table
- viewGroups Allows one to view the site groupings

Create New Security Profile

I.S. APP – SITE MANAGER

- ✗ Create site
- ✗ Modify site
 - + Group affiliation
 - + Connection parameters
- ✗ Delete site

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Site Manager

Reporting App

Profile Manager

Site Manager

User Manager

Select Site

	<u>ID</u>	<u>name</u>	<u>address</u>	<u>port</u>	<u>userID</u>	<u>password</u>	<u>groupID</u>	
Delete	1	testsite1	4.33.183.241	2000	mike	password3	2	Edit
Delete	2	mikes_apt	127.0.0.1	1500	Staples		1	Edit
Delete	4	kyles_place	127.0.0.1	1400	kyle	password	1	Edit
Delete	5	testSite2	5.88.72.248	1999	mike	password1	2	Edit
Delete	6	ryansapt	127.0.0.1	1344	ryan	password1	1	Edit

Site Information

Site Name IP Address Port Number User ID Password

Group ID

team_dunkyan

I.S. APP – REPORTING APPLICATION

- ✘ Will be copied to I.S. App upon completion

CURRENT ACTIVITIES

- ✘ Working on implementing the ability to query remote databases
 - + This has been problematic so far
- ✘ Working on formatting the results of queries using Crystal Reports

PLANS FOR REST OF SEMESTER

- ✘ Finish Reporting Application
 - + Finish implementing the ability to query a remote database
 - + Finish reporting formatting with Crystal Reports
 - + Fully implement query subscriptions
 - + Compile complete list of security items
 - + Link sites to their corresponding groups
 - + Insert a description field in the security database for the Site table to use as the new Site tooltip
 - + When query is loaded, update the subscription checkbox accordingly

PLANS FOR REST OF SEMESTER (CONT.)

× Login page

- + Add sessions to nSite Central

- + Add superuser permissions (all)

× Write user manual for nSite Central

× Thoroughly test nSite Central

× Give final presentation

NSITE CENTRAL DEMONSTRATION
