

MICHIGAN STATE
UNIVERSITY

Beta Presentation

IT ePager System

[The Capstone Experience](#)

Team Meijer

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Fall 2012



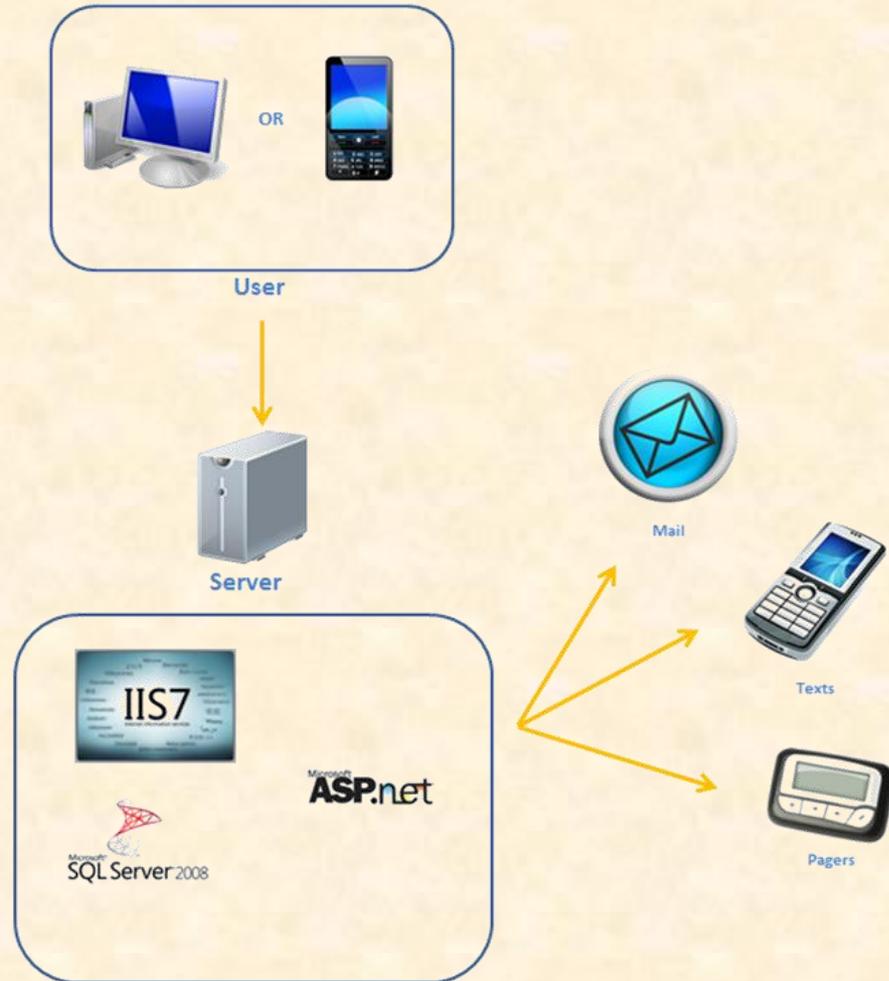
*From Students...
...to Professionals*

Project Overview

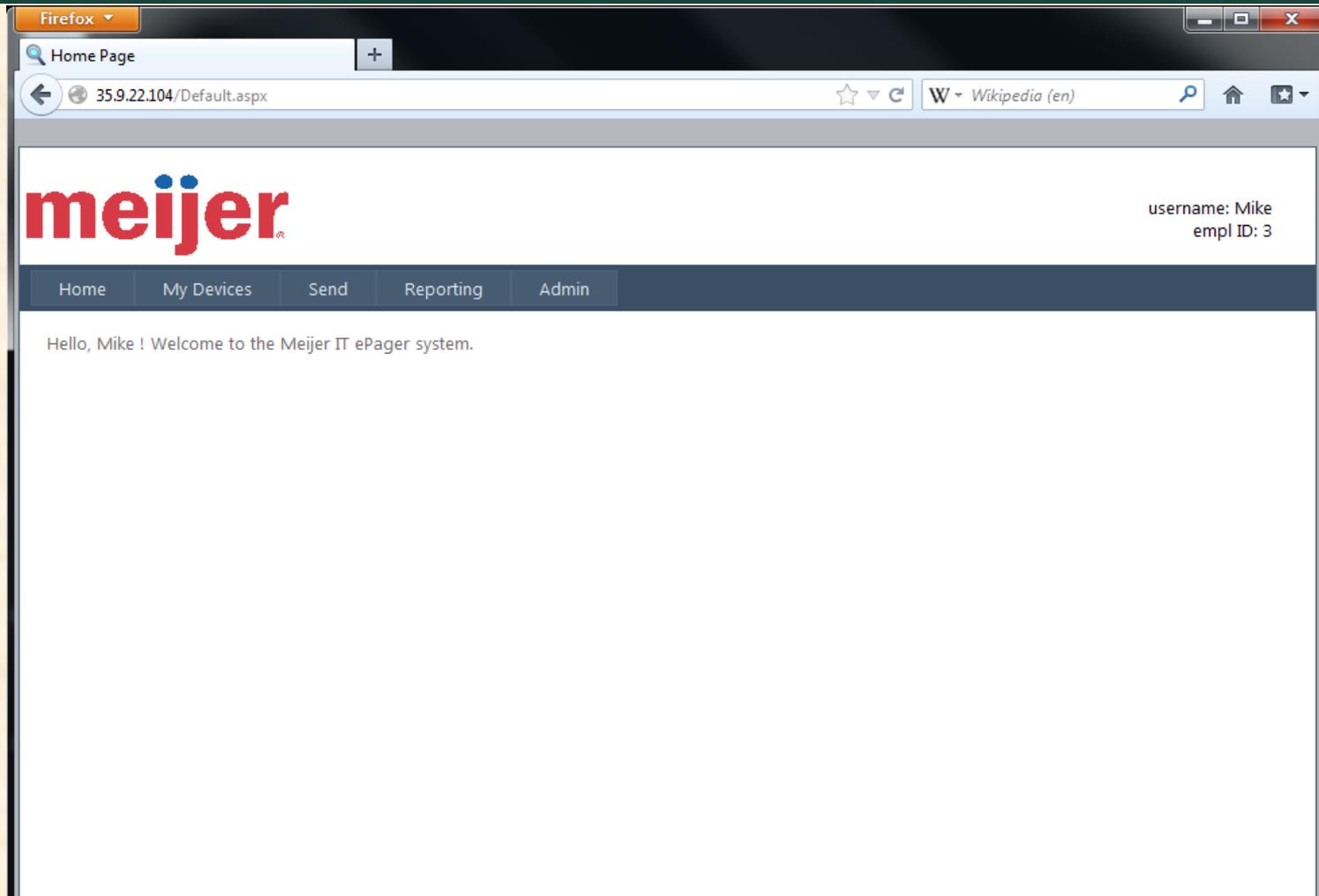
- Emergency System To Get Messages Out Quick
- Similar To A Bulk Email System
- Sends To Pagers, Phones (Text Messages), And Email
- Three Types of Users: Administrative, Super-User, and User
- Template Creation Feature
- Easy To Send To Individuals Or Groups



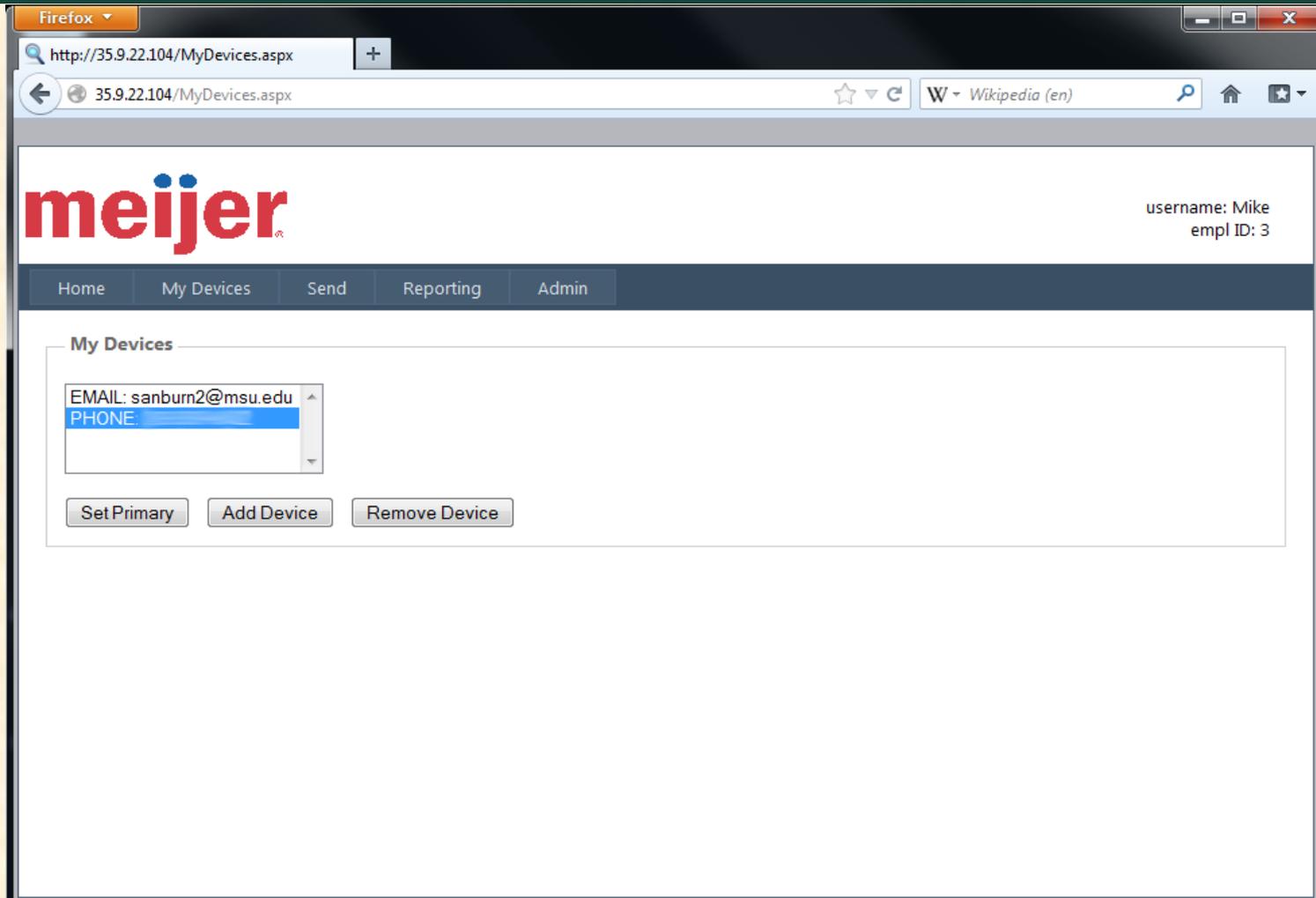
System Architecture



Home Page



User's Devices Page



Send Page

Firefox

http://35.9.22.104/Send.aspx

35.9.22.104/Send.aspx

Wikipedia (en)

meijer

username: Mike
empl ID: 3

Template
Default

Individuals
David
Mark
Mike
Nick

Group
A-Team
B Team
Team 1
Team 2

Additional Comments:

Send

Home



General Reporting Page

The screenshot shows a Firefox browser window with the URL `http://35.9.22.104/Reporting.aspx`. The page header features the Meijer logo and the user's identity: `username: Mike` and `empl ID: 3`. A navigation bar includes links for `Home`, `My Devices`, `Send`, `Reporting`, and `Admin`. The `Reporting` menu is open, showing options for `General Reporting`, `Advanced Reporting`, and `Group Reporting...`.

The main content area is titled `Reporting History` and includes instructions: `Click on a Sender to filter the page(s) that were sent on that day.` and `Click on a Date to display the page(s) that were sent on that day.` Below this is a `Sender` dropdown menu with a list of names: `Oeffner, David`, `Ovenhouse, Nick`, `Sanburn, Mike`, and `Schwerzler, Mark`.

At the bottom, a table displays the reporting history with the following columns: `PageID`, `Sender`, `Timestamp`, `Incident`, and `Message`.

PageID	Sender	Timestamp	Incident	Message
146	Oeffner, David	10/12/2012 1:27:39 AM	Power Outage - On Generator	Sender: David(4) 783129 TK# Hi - ST Field2 - Power Outage - Emergency services contacted. Running on generator. POS is Up . Affecting all stores. Additional Comments: Testing
147	Oeffner, David	10/12/2012 1:38:48 AM	TemplateTest	Sender: David(4) Here is some text:123 Store:multipleanotheritem Additional Comments: extra comments



Advanced Reporting Page

The screenshot shows a Firefox browser window displaying the Meijer Advanced Reporting page. The address bar shows the URL `http://35.9.22.104/ReportingAdv.aspx`. The page features the Meijer logo and user information: `username: Mike` and `empl ID: 3`. A navigation menu includes `Home`, `My Devices`, `Send`, `Reporting`, and `Admin`. The main content area contains several input fields and date pickers:

- `Incident:`
- `Sender:`
- `Recipient:`
- `Start Date:` A calendar for November 2012 with the date `11` selected.
- `End Date:` A calendar for November 2012 with the date `11` selected.
- A `Search` button.

Su	Mo	Tu	We	Th	Fr	Sa
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

Su	Mo	Tu	We	Th	Fr	Sa
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8



Group Reporting Page

Firefox

http://35.9.22.104/ReportingGroup.aspx

35.9.22.104/ReportingGroup.aspx

Wikipedia (en)

meijer

username: Mike
empl ID: 3

Home My Devices Send Reporting Admin

Team 1
Team 2
A-Team
B Team

View pages sent to:
Between the following dates:

Start Date:

Su	Mo	Tu	We	Th	Fr	Sa
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

End Date:

Su	Mo	Tu	We	Th	Fr	Sa
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

Search

PageID	Sender	Timestamp	Incident	Message
139	Ovenhouse, Nick	10/11/2012 8:07:02 AM	Power Outage - On Generator	Sender: Nick(2) (Store Number) TK# Add default text here... - ST Add default text here... - Power Outage - Emergency services contacted. Running on generator. POS is Up . Affecting all stores. Additional Comments:
140	Schwerzler, Mark	10/11/2012 8:27:33 AM	Power Outage - On Generator	Sender: Mark(1) (Store Number) TK# Add default text here... - ST Add default text here... - Power Outage - Emergency services contacted. Running on generator. POS is Up . Affecting all stores. Additional Comments: Also going
141	Ovenhouse, Nick	10/11/2012 8:27:34 AM	Power Outage - On Generator	Sender: Nick(2) (Store Number) TK# number - ST stuff - Power Outage - Emergency services contacted. Running on generator. POS is Off . Affecting multiple stores. Additional Comments:
181	Sanburn, Mike	10/22/2012 3:07:24 AM	Nick's Template	Sender: Mike(3) This is the beginning,MarkNochoice2 Additional Comments: Some comments



Create User Page

The screenshot shows a Firefox browser window at the URL `http://35.9.22.104/CreateUser.aspx`. The page features the Meijer logo and a user profile for 'Mike' with 'empl ID: 3'. A navigation bar contains 'Home', 'My Devices', 'Send', 'Reporting', and 'Admin'. The 'Admin' menu is open, showing options: 'Create...', 'Remove...', 'Edit...', 'User', 'Group', 'Template', and 'Phone Provider'. The 'Create User' form includes the following fields:

- First Name:
- Last Name:
- Email:
- Account Type:
- E-Page Name:

A 'Create User' button is located at the bottom of the form.



Edit Groups Page

Firefox

http://35.9.22.104/UpdateGroup.aspx

35.9.22.104/UpdateGroup.aspx

W - Wikipedia (en)

meijer

username: Mike
empl ID: 3

Home My Devices Send Reporting Admin

Select Group to Edit: A-Team

*NOTE: HOLD [CONTROL] KEY TO SELECT MORE THAN ONE

Members Currently In Group

Sanburn, Mike

Members Not Currently In Group

Oeffner, David
Ovenhouse, Nick
Schwerzler, Mark

Remove Users Add Users



Edit Template Page

Firefox

http://35.9.22.104/UpdateTemp.aspx

35.9.22.104/UpdateTemp.aspx

W - Wikipedia (en)

meijer

username: Mike
empl ID: 3

Home My Devices Send Reporting Admin

Template Name: Power Outage - On Generator

Team 1
Team 2
A-Team
B Team

Default Groups: B Team

Add: TextBox Add default text here... Add TextBox Undo

Template Preview:

(Store Number) TK# Add default text here... - ST Add default text here... - Power Outage - Emergency services contacted.

Running on generator. POS is Up . Affecting all stores.

Save Template



Add Phone Provider Page

Firefox

http://35.9.22.104/AddProvider.aspx

35.9.22.104/AddProvider.aspx

W - Wikipedia (en)

meijer

username: Mike
empl ID: 3

Home My Devices Send Reporting Admin

Input The Provider's Name And SMTP Address

Provider Name:

Provider SMTP: example: vtext.com



What's left to do?

- Testing/Code Cleanup
- Documentation And Project Video

