

MICHIGAN STATE
UNIVERSITY

Alpha Presentation

Cloud-Based Athletics Operations

The Capstone Experience

Team Medtronic

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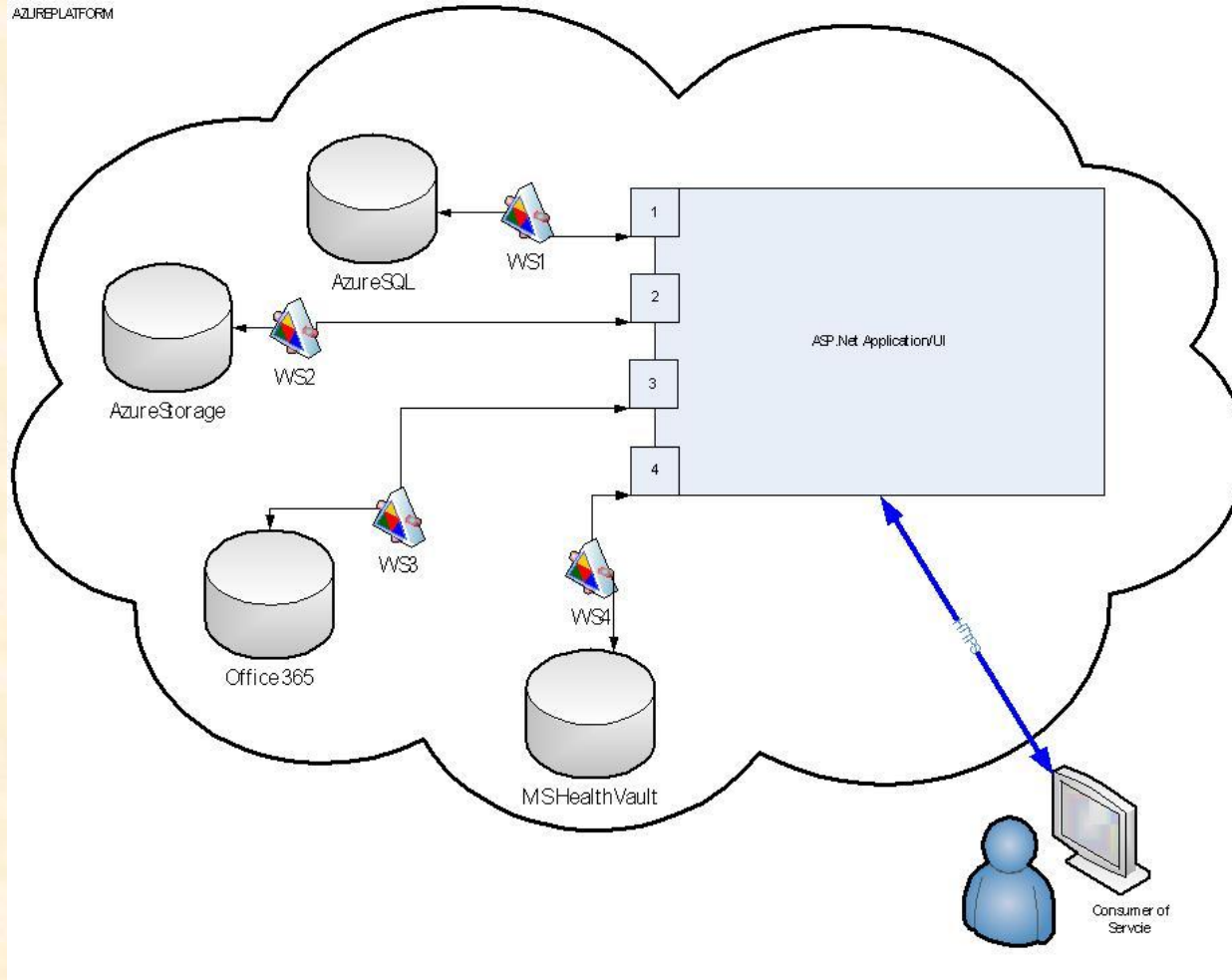
*From Students...
...to Professionals*

Project Overview

- Create a cloud-based application to manage users' daily calendars
- Site interaction based on role
 - Coach, Student Athlete, Facility Administrator
- Management of facility resources
- Users need access to Health Vault information
- Provide instant messaging and video conferencing capabilities to users
- Host training videos for athletes and coaches to watch



System Architecture



Facility Calendar

The screenshot displays a web application interface for "Cloud-Based Athletics Operations". The top navigation bar includes "Home" and "About" links, and a "[Log In]" button on the right. Below the navigation bar, there is a placeholder for "This is a sample RSS text!".

On the left side, there is a "Navigate me!" menu with the following items: "My Calendar", "Facility Calendar", "School Calendar", "HealthVault", and "Video Tutorials". Below this menu is a "Message me!" section.

The main content area features a "Facility Calendar" for February 2011. The calendar is presented in a grid format with days of the week as columns and dates as rows. The dates shown are 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, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.

The calendar is surrounded by several dark blue rectangular placeholders, suggesting a grid layout for other content or images.

Default view with relevant facility's calendar of events



Personal Calendar

Cloud-Based Athletics Operations [Log In]

Home About

This is a sample RSS text!

Navigate me!

- My Calendar
- Facility Calendar
- School Calendar

HealthVault

Video Tutorials

Message me!

My Calendar

February 2011

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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	1	2	3	4	5
6	7	8	9	10	11	12

Facility Calendar

February 2011

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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	1	2	3	4	5
6	7	8	9	10	11	12

Each new instance is brought into main viewport

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Multiple Controls

The screenshot displays a web application interface for 'Cloud-Based Athletics Operations'. The top navigation bar includes 'Home', 'About', and a '[Log In]' link. Below the navigation bar, there is a central banner with the text 'This is a sample RSS text!'. The main content area is divided into several sections:

- Left Sidebar:** A vertical menu with buttons for 'Navigate me!', 'My Calendar', 'Facility Calendar', 'School Calendar', 'HealthVault', and 'Video Tutorials'. Below the menu is a 'Message me!' section.
- Central Panel:** A large form titled 'Video Tutorials' with fields for 'Name:', 'Category:', and 'Upload File:'. It includes a 'Browse...' button and an 'Upload Video' button. Below the form is a link for 'First Aid CPR'.
- Right Panel:** A section titled 'HealthVault Name:' with three buttons: 'Get Height Records Offline', 'Get Weight Records Offline', and 'Get Blood Pressure Records Offline'.
- Bottom Row:** Three calendar widgets for February 2011: 'Facility Calendar', 'School Calendar', and 'My Calendar'. Each calendar shows a grid of days from Sunday to Saturday.

View multiple tasks and customize workflow



Video Tutorials

Cloud-Based Athletics Operations [Log In]

Home About

This is a sample RSS text!

Navigate me!

- My Calendar
- Facility Calendar
- School Calendar
- HealthVault
- Video Tutorials

Message me!


Video Tutorials

Name:

Category:

Upload File: Browse...

[First Aid CPR](#)



HealthVault Name:

School Calendar

February 2011

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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	1	2	3	4	5
6	7	8	9	10	11	12

Facility Calendar

February 2011

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1	2	3	4	5
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20	21	22	23	24	25	26
27	28	1	2	3	4	5
6	7	8	9	10	11	12

My Calendar

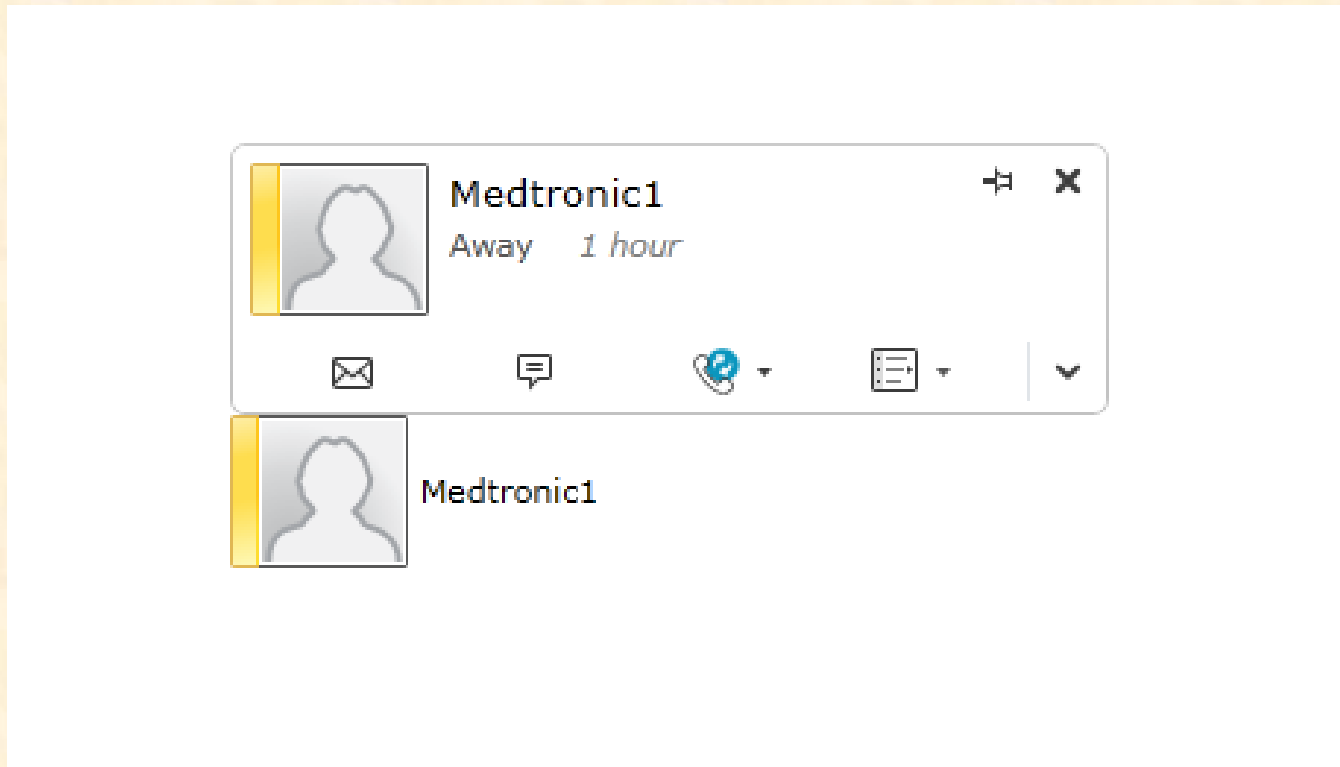
February 2011

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6	7	8	9	10	11	12

Upload and view training videos using Azure Storage



Presence Controls



Communicate with contacts using Lync

What's left to do?

- Integrating Presence controls on main page
- HealthVault login integration
- SQL Azure permissions to specify role
- Synchronizing calendars with the Exchange Server
- Polishing UI

