

MICHIGAN STATE

U N I V E R S I T Y

Alpha Presentation

Group Project Organization and Scheduling

The Capstone Experience

Team MSU ITS

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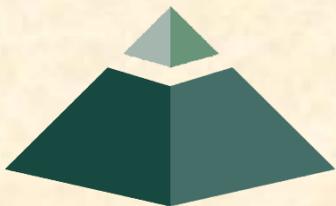
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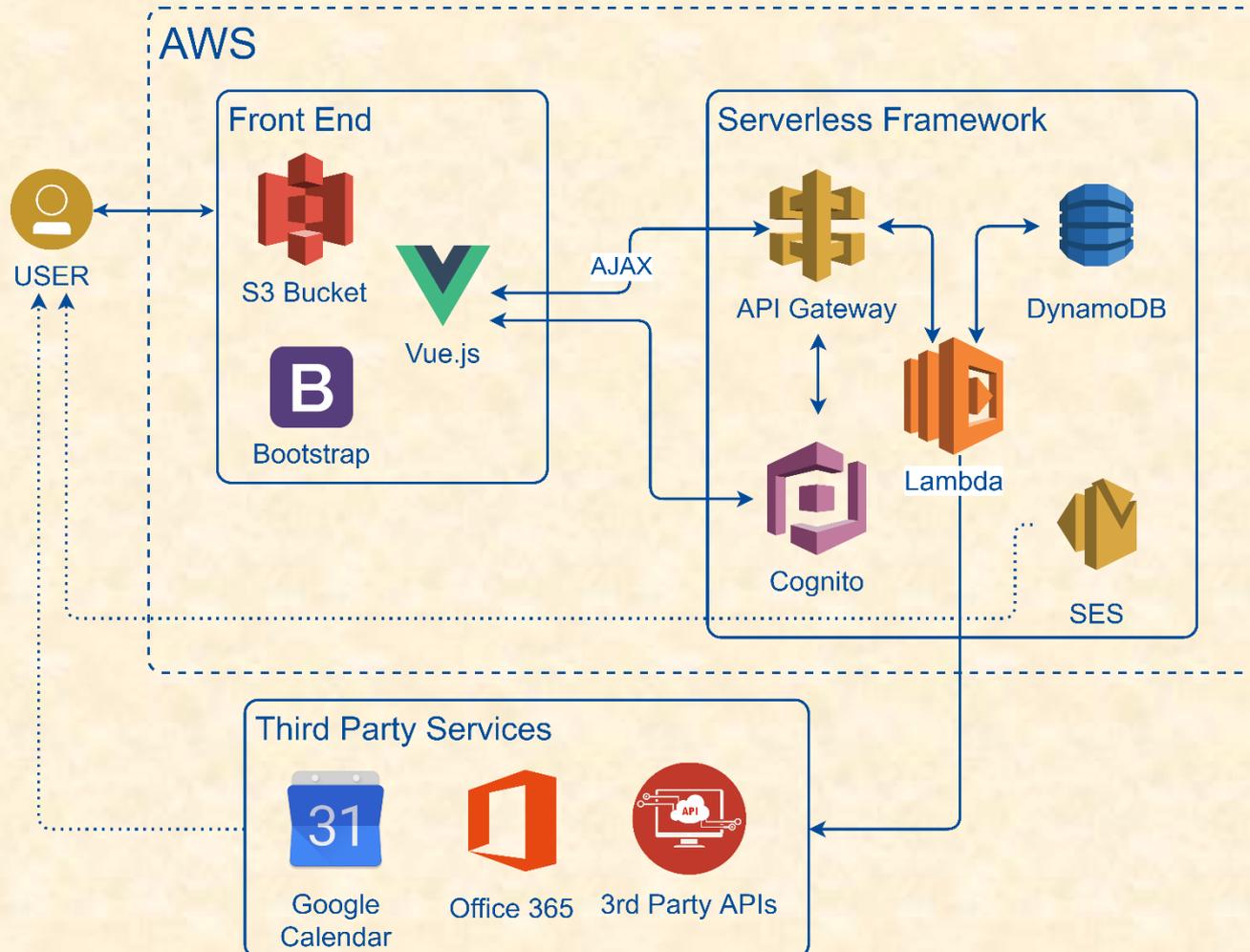
*From Students...
...to Professionals*

Project Overview

- System centralizes scheduling and any services used to work on the project
- Scheduling feature finds the best time for all group members to meet
- Quick access to and introduce collaboration tools



System Architecture



Meeting Creation

The screenshot shows the Google Calendar web interface. The browser address bar displays "calendar.google.com". The main header includes "Calendar", "Today", and "February 2019". A "Create" button is visible in the top left. On the left sidebar, a calendar grid for February 2019 is shown, with the 19th of February highlighted. Below the grid, there are sections for "Add calendar" and "My calendars" (including Sara Khairi, Birthdays, Reminders, and Tasks) and "Other calendars" (including Holidays in United States). The main calendar view shows a time slot from 12:15 PM to 1:30 PM on February 19th, with a blue event titled "Homework 1" scheduled for that time.

The screenshot shows the MSUITS.alpha.com dashboard. The browser address bar displays "MSUITS.alpha.com". The page title is "MSUITS Capstone" with a user profile "cindy_xv@yahoo.com | Logout". The dashboard is divided into several sections:

- Create Group:** A form with fields for "Name" (with a sub-field for "Group Name"), "Emails to invite" (with a sub-field containing "user@example.com, user2@example.com, ..."), and a "Submit" button.
- Your Groups:** A list of groups including "CSE 431 Team", "Knitting 101", and "Spring Break People".
- Create Team Drive:** A form with fields for "Name" (with a sub-field for "Drive Name"), "Group" (with a dropdown menu set to "CSE 431 Team"), and a "Submit" button.
- Your Team Drives:** A list of drives including "Data Structures" and "Travel Agenda".
- Create Meeting:** A form with fields for "Name" (with a sub-field for "Meeting Name"), "Group" (with a dropdown menu set to "CSE 431 Team"), and a "Submit" button.
- Your Meetings:** A list of meetings including "Homework 1 - : 2019-02-19 12:15:00 - 1:15:00 EST".



Microsoft OneDrive Creation

The screenshot shows the Microsoft OneDrive web interface. The browser address bar displays the URL: https://michiganstate-my.sharepoint.com/personal/calderk2_msu_edu/_layouts/15/onedrive.aspx?tid=%2Fpersonal%2Fcalderk2_msu_edu%2FDocuments%2FTeam%20MSU%20ITS. The interface includes a search bar, navigation tabs for 'Office 365' and 'OneDrive', and a left-hand navigation pane with options like 'Files', 'Recent', 'Shared', and 'Recycle bin'. The main content area shows a file list for the 'Team MSU ITS' site:

Name	Modified	Modified By
Alpha Presentation.pptx	About a minute ago	Calder, Kristin
Project Plan Documen...	About a minute ago	Calder, Kristin
To-Do List.docx	A few seconds ago	Calder, Kristin

The screenshot shows the MSU ITS Capstone portal. The page title is 'MSU ITS Capstone' with the user 'cindy_xxx@yahoo.com' logged in. The portal features three main creation sections:

- Create Group:** Includes a 'Group Name' input field, an 'Emails to Invite' input field with a placeholder 'user@example.com, user2@example.com, ...', and a 'Submit' button.
- Create Team Drive:** Includes a 'Drive Name' input field, a 'Group' dropdown menu set to 'CSE 431 Team', and a 'Submit' button.
- Create Meeting:** Includes a 'Meeting Name' input field, a 'Group' dropdown menu set to 'CSE 431 Team', and a 'Submit' button.

On the right side, there are three summary sections:

- Your Groups:** Lists 'CSE 431 Team', 'Knitting 101', and 'Spring Break People'.
- Your Team Drives:** Lists 'Data Structures' and 'Travel Agenda'.
- Your Meetings:** Lists 'Homework 1 - : 2019-02-19 12:15:00 - 1:15:00 EST'.

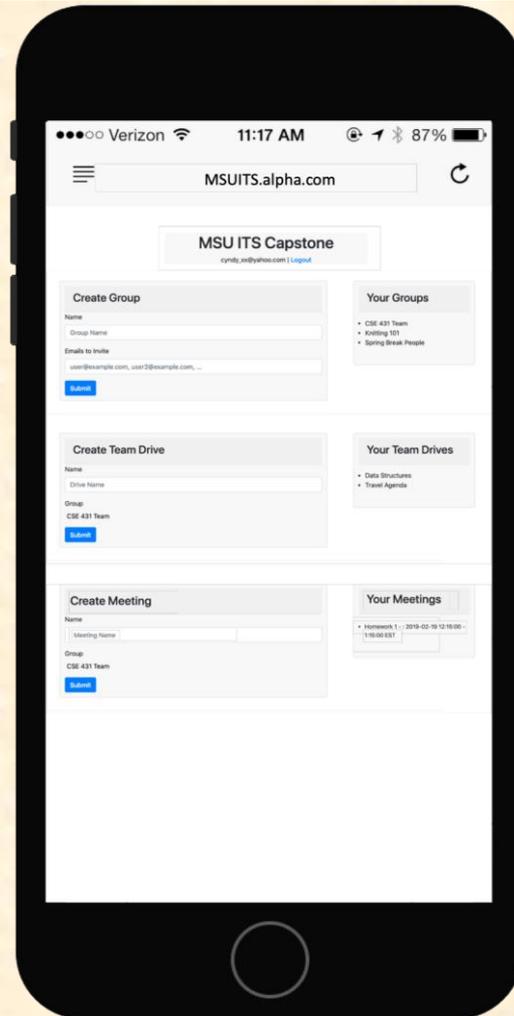
GroupMe Creation

The screenshot shows a web browser window with the URL `https://app.groupme.com/chats`. The browser's address bar includes navigation icons and a search bar. Below the address bar, there are tabs for 'Apps', 'Local Host', 'Michigan State Un...', 'My Drive - Google...', and 'Projects - Dashbo...'. The main content area is divided into a left sidebar and a main chat area. The sidebar, titled 'Chats', contains a search bar and a list of chat groups. The main chat area, titled 'Alpha Team Group', shows a list of messages: 'Kristin Calder has joined the group', 'Cyndy Ishida has joined the group', 'Cyndy Ishida hey! can't wait to get working 😊', and 'Jack Wydra Looking forward to working with you guys!'. At the bottom of the chat area, there is a 'Send Message...' input field with a smiley face icon.

The screenshot shows a web browser window with the URL `MSUITS.alpha.com`. The page title is 'MSU ITS Capstone' and the user is logged in as 'cyndy_xv@yahoo.com'. The dashboard is divided into three main sections: 'Create Group', 'Create Team Drive', and 'Create Meeting'. Each section has a form with a 'Name' field, a 'Submit' button, and a 'Group' dropdown menu. The 'Create Group' form also has an 'Emails to Invite' field. To the right of each form is a 'Your [Group/Team Drive/Meetings]' section, which lists existing items. The 'Your Groups' section lists 'CSE 431 Team', 'Knitting 101', and 'Spring Break People'. The 'Your Team Drives' section lists 'Data Structures' and 'Travel Agenda'. The 'Your Meetings' section lists 'Homework 1 - : 2019-02-19 12:15:00 - 1:15:00 EST'.



Mobile View



What's left to do?

- More in-depth front-end
 - Design workshop
 - Landing page
 - Loading experience
 - No content use-case
- Advance subtleties in scheduling algorithm
- Offline authorization support for APIs
- Further 3rd Party integration
- Team name



Questions?

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