



Final Presentation

Team 5

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Foreword

Ever been in a meeting where each person presenting had to pull out their USB and open up their PowerPoint, or scrape through their inbox and grab their material, then plug in their computer and wait for it to load? Our idea is to cut away the meticulousness in coordinating group presentations - an occurrence that happens in the classroom on a regular basis.

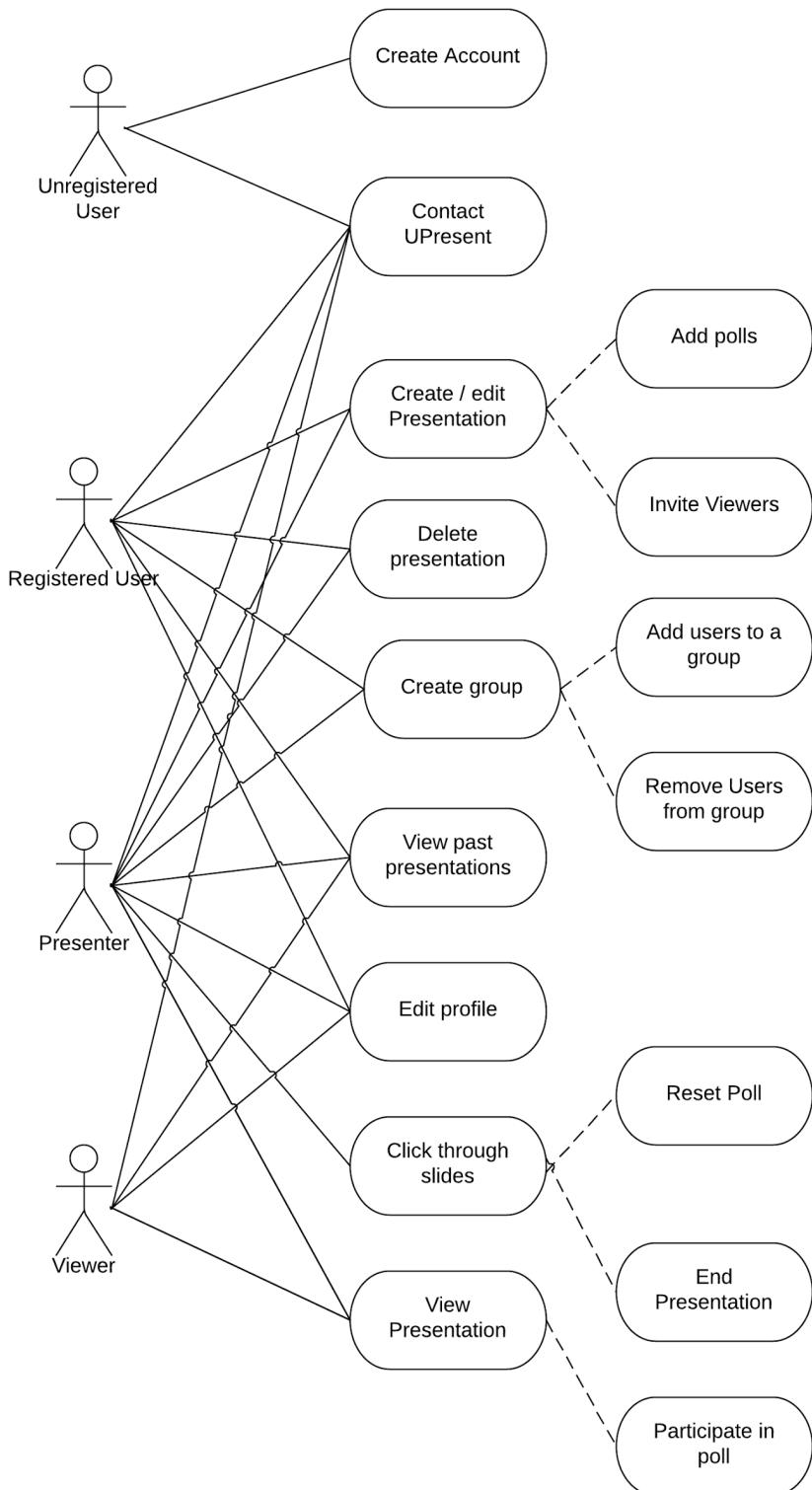
With UPresent, participants will upload their presentation slides to the website and invite their colleagues to view the presentation. When it comes time to present, everyone will sign in either from the website on their desktop or through the app, and the host will switch over to the material of whoever's up. The loaded presentation will then be displayed through the website to each user signed into the session. Our hope is that in doing this, the host will cut out the time-consuming nature of switching presentations and allow those that participated to look back on previous sessions and all material presented from meetings past.

Meet the Team

Taylor Bishop	Database architect, UI functionality editor, and API editor
Hector Curi	UI stylist and lead iOS developer
Tyler George	Lead database artist and API editor
Nick Morris	UI creation and lead UI stylist
John Politz	Lead UI creation, UI stylist, API Designer, iOS Consultant



Use Case Diagram



Final Software Features

Create an Account - Users can create an account on the website

Login - Users can login on the website and the app

Contact UPresent - Users can email Team 5 from the website

Create UPresent - Users can create a UPresent and upload their slides

Invite Viewers - Invite viewers to your UPpresent

Present presentation - Users can email Team 5 from the website

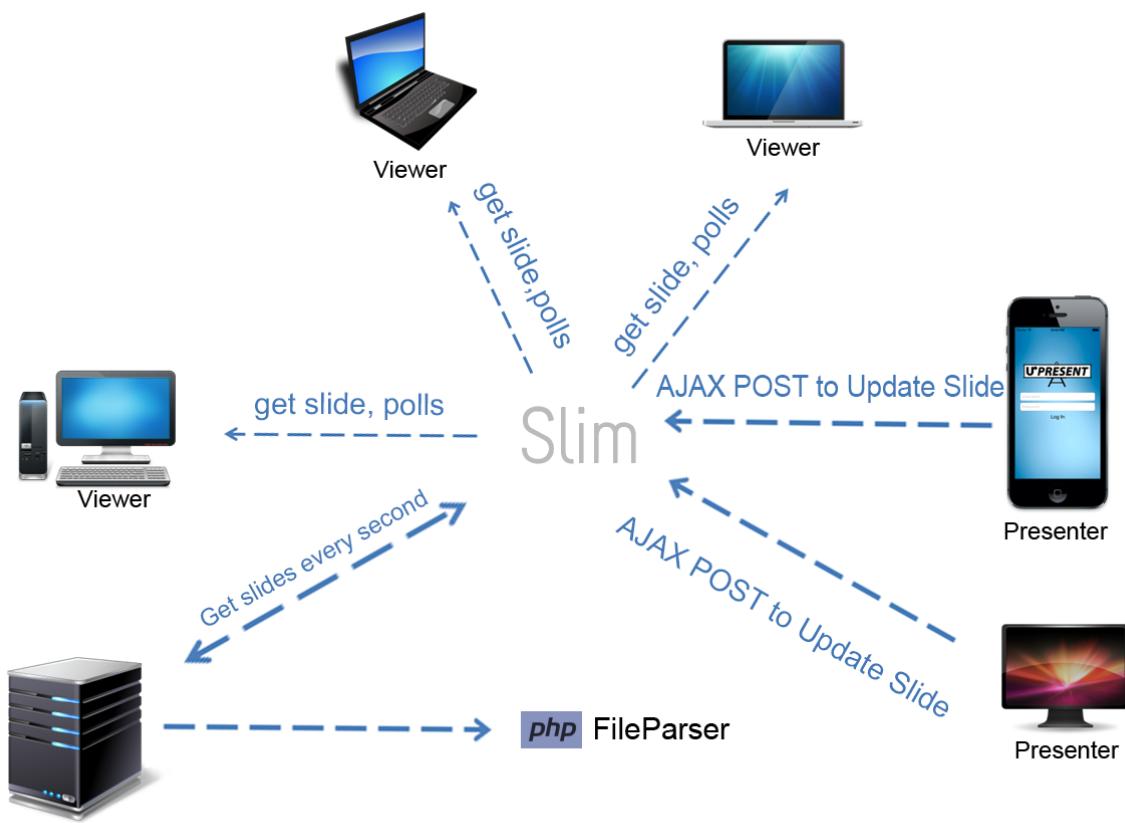
View a presentation - Users can create a UPpresent and upload their slides

Participate and view live polls - Invite viewers to your UPpresent

View past presentations - Invite viewers to your UPpresent



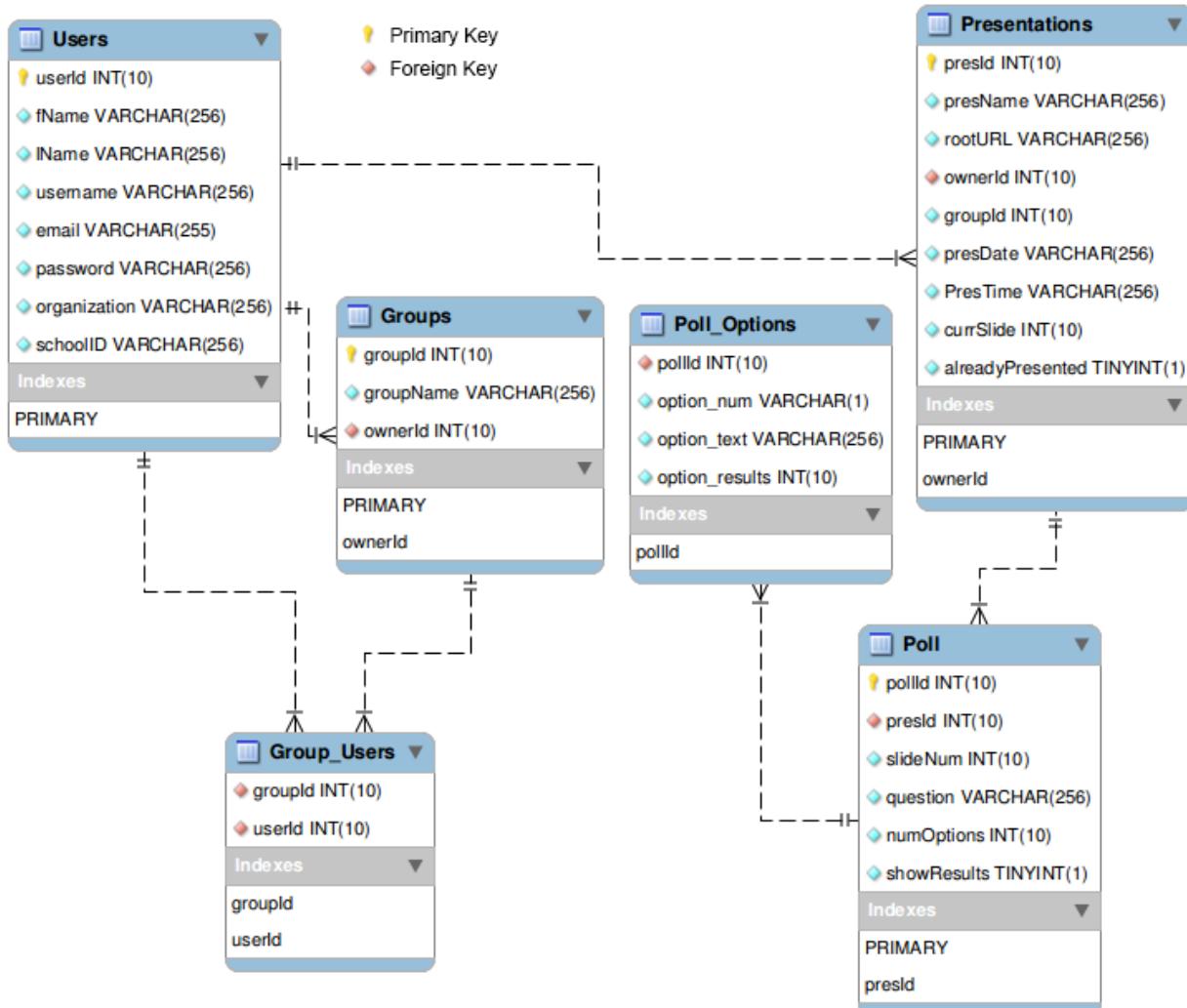
Software Architectural Diagram



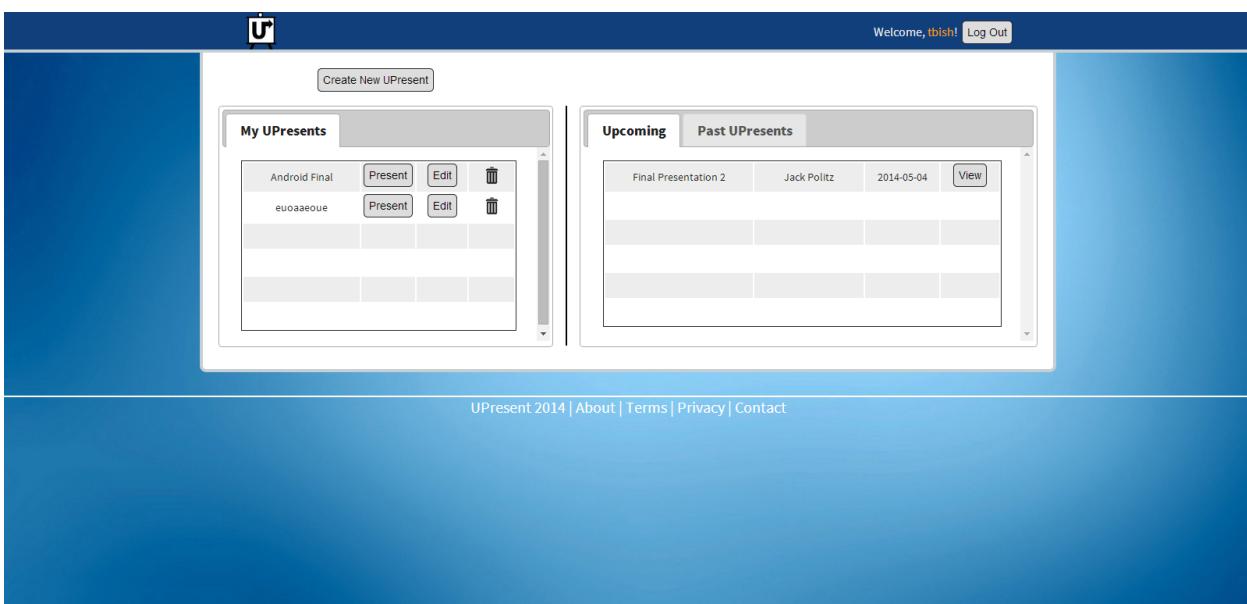
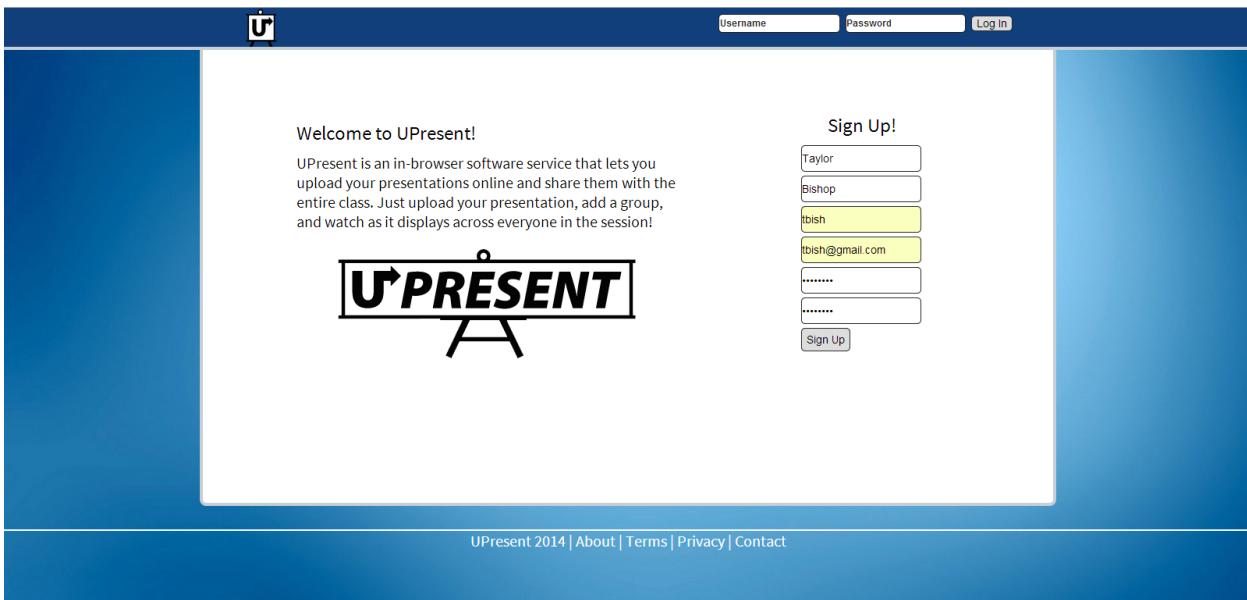
Technology: HTML, CSS, JS, jQuery, jquery.cookie.js, jQuery Feature Carousel, Chrome Fullscreen API, Slim API, PHP, Google Visualization, Google Chart, iOS, Objective-C, password.php from PHP 5.5, PHPMailer



Final Database Model



Web Client Screenshots



New UPresent

Welcome, nmorris! Log Out

New UPresent

Please upload Folder of Images:

Title:

Date?

Time?

No file chosen

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Menu Terminal ~/Documents/GDB... New UPresent - Go... Sun May 4, 15:33

Slide Poll

Slide 1

Question
What does the F stand for in F=MA?

Options

A Lorentz Force
B Electromotive Force
C EMF
D Force
E Option E text here
F Option F text here

Show results on presentation?

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Welcome, tbish! Log Out

Android Final

What's Next?

- Continue the class and work sessions
- Planning for a future graduate student? Use resources provided by the program manager, including job opportunities, all the information you need to succeed.

metacritic

metaCritic

Taylor Bishop

Slide 1

Slide Poll

Question

What does the F stand for in F=MA?

Options

A Lorentz Force

B Electromotive Force

Welcome, tbish! Log Out

UI6.png added "UI6.png" was added to your Dropbox.

Android Final

metacritic

MetaCritique

View Metascores and product information on your Android device

End UPresent

Hidden Games

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User Profile

Welcome, nmorris! Log Out

First Name:
Nick

Last Name:
Morris

Email:
nmorris@smu.edu

School/Organization:
NONE

School/Organization ID:
NONE

Update Profile

Profile Preview

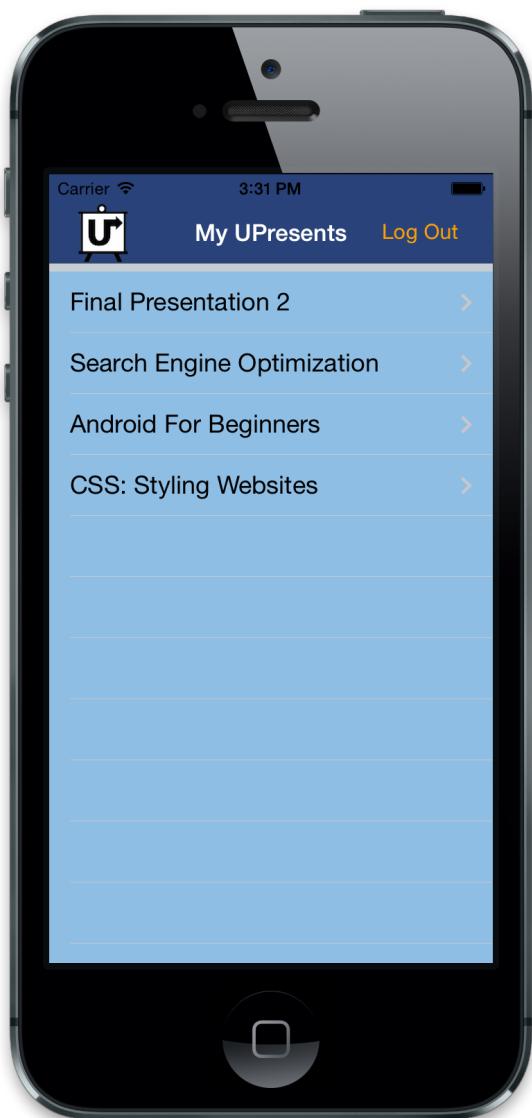
Nick Morris
nmorris
nmorris@smu.edu

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Menu Terminal ~/Documents/GDB... User Profile - Google Chrome Sun May 4, 15:34

Mobile Client Screenshots





Testing

We conducted testing with Team Jimmy and the Dragons along with various other students at SMU. When testing with students not in the engineering school, they gave priority to the styling of the website over the functionality. Since these testers were not biased, they were able to give valuable feedback on bugs that our team did not encounter due to our familiarity with UPresent.

Team Jimmy and the Dragons was very effective at finding and reporting bugs. Our team was able to tackle bugs one at a time and close issues on GitHub. We very much valued the input of Team: Jimmy and the Dragons due to their technical background.

We also did much internal testing, using one member as a presenter and the others as viewers for presentations, going through testing cycles and filing bugs on what we found.

Our issues reported on lightwait were swiftly taken care of, as most were found by hammering away on the registration & login. Tyler George in particular found a nasty bug that the team eventually thanked us for finding, otherwise they wouldn't have found it.



Team Reflection

This project has been particularly fun coming together for a shared vision that was relevant and helpful to all of our lives.

One of the major issues we ran into early on was trying to use Google Drive as a file server of sorts to save presentations. Since the Drive API holds only for a user's Drive account, we moved to saving the presentations on the server. If we had gone with full Google integration from the beginning (Using G+ to login and register, connecting emails to gmail email addresses) then using Google Drive would have been feasible.

Another issue was having users upload PDF's as their presentations. Unfortunately, none of the JavaScript libraries that handled PDF's had functionality to parse them into their various pages. Considering that PowerPoint, Google Drive Presentations, and other major presentation software has the ability to export as a folder of images, we went ahead and stuck with this implementation.

We also ran into issues design-wise with the concept of a group/sessions box on the user home page, and it quickly became overcomplicated for both us to implement and for the user to actually use. We settled on a simplified implementation that focused on editing a presentation and linking it to a group of viewers.

Working together posed some issues at first trying to coordinate work, but we quickly found a rhythm of team members working on separate modules of the site at the same time then putting it all together.

“



UPresent v2.0

Google Drive Support - Move login from an internal implementation to use Google Accounts and the Google Drive API for uploading presentations

Uploading PDF's - Users would be able to upload a single PDF and have it parsed into slides instead of a folder of images. Also, ZIP compression for images

Better Fullscreen Support - Using the Chrome Fullscreen API to greater heights - making slides stretch logically across the entire screen instead of staying in their native resolution

Implementing Features We Cut - Adding back in notes functionality to the viewer pages and the presenter pages, and adding back in a chat feature to the afterview. This also requires a more robust grouping functionality

Better Group Functionality - Adding back in notes functionality to the viewer pages and the presenter pages, and adding back in a chat feature to the afterview. This also requires a more robust grouping functionality

