CS 252
FINAL PROJECT

Lab 6 Demo Slides

Created by Aaron Peters - peter177

Section 1

PROJECT INFO

Created by Aaron Peters
Purdue University Student

PROJECT BASIC INFORMATION

- Project Name
  - Purdue Planner
- Project Platform
  - iOS
- Project Brief Description
  - I created a simplified virtual mortal board for students at Purdue University. My app is much easier to use and more beneficial than any 'class planner' app on the market.
- Project Features
  - See upcoming assignments that are due either tonight or tomorrow
  - Add a new assignment or edit an existing one
  - 3-week view: Shows a custom-made calendar view for the next 3 weeks. Each calendar table cell has a number indicating how many assignments are due on that day
  - Repeating weekly assignments: User can add/edit assignments that they want to repeat every week. This way, they don't have to re-enter them each week
  - Other basic settings

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Purdue University Student

ALL PROJECT GUIDELINES WERE MET

- Network component
  - Parse
  - Used to store all user assignments that are not repeating
  - Used for user data such as login and basic settings
- SQL component
  - SQLite3 for iOS
  - Used to store all repeating assignments locally on the user's phone. Since repeating assignments don't get changed very often, it is much faster to store these assignments locally using SQLite3 instead of making a network request each time the user tries to load them.
  - Repeating Assignments stored using SQLite3 were still updated with Parse database when user made changes to them.
- Source Control
  - GitHub
  - Private repo was used

Created by Aaron Peters
Purdue University Student

Section 2

SCREENSHOTS OF APP

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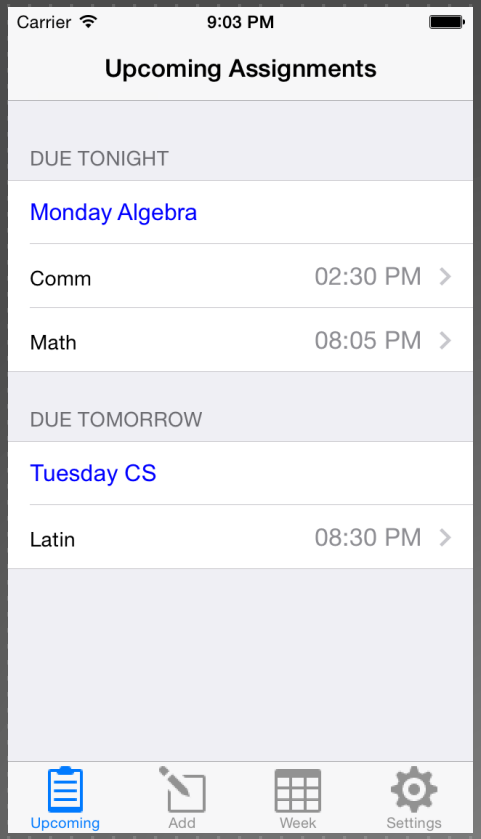
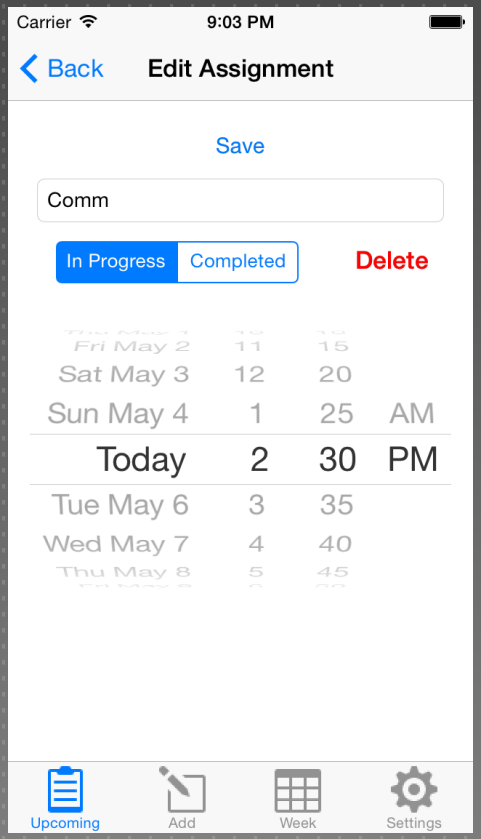
Purdue University Student

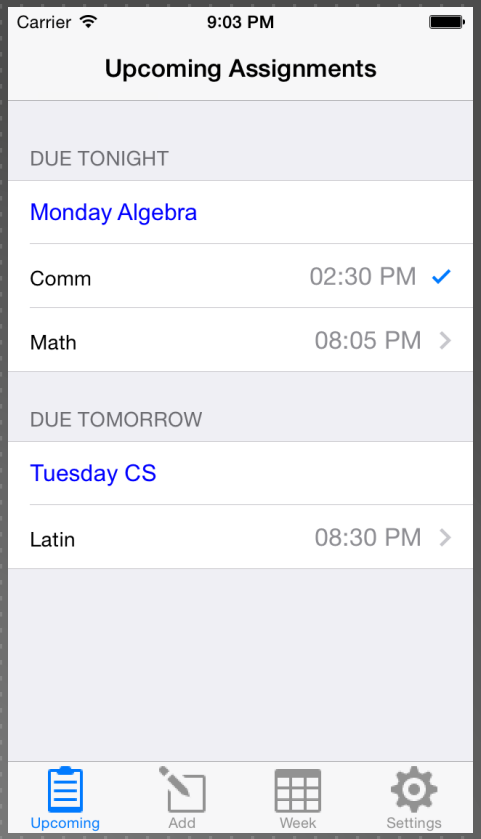
UPCOMING ASSIGNMENTS



Repeating assignments are in blue. Custom assignments are in grey and include a time due



Users can edit these assignments



The checkmark indicated an assignment is complete

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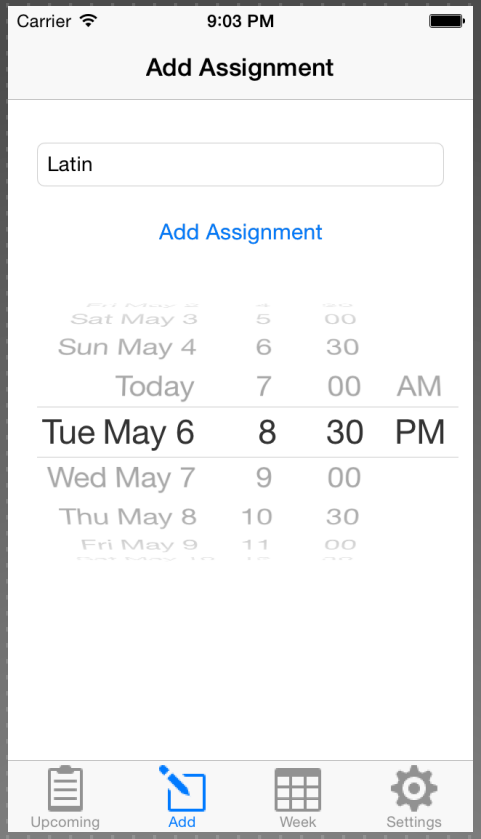
ADD ASSIGNMENT



In addition to repeating assignments, users can add custom assignments

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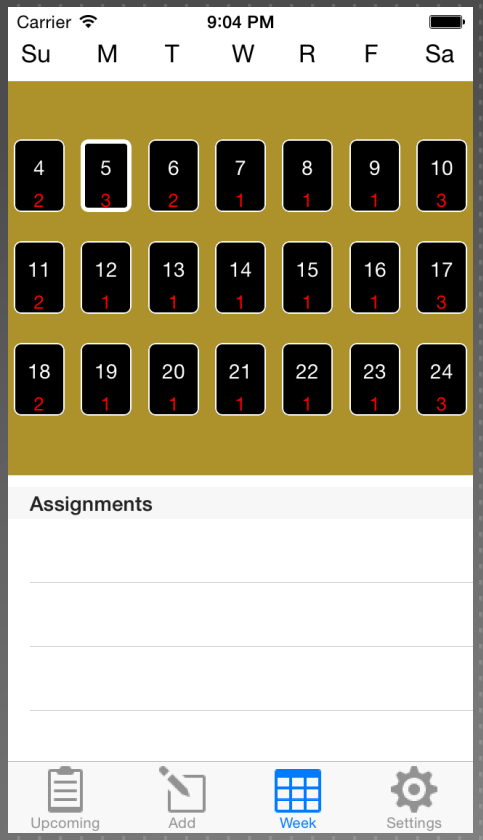
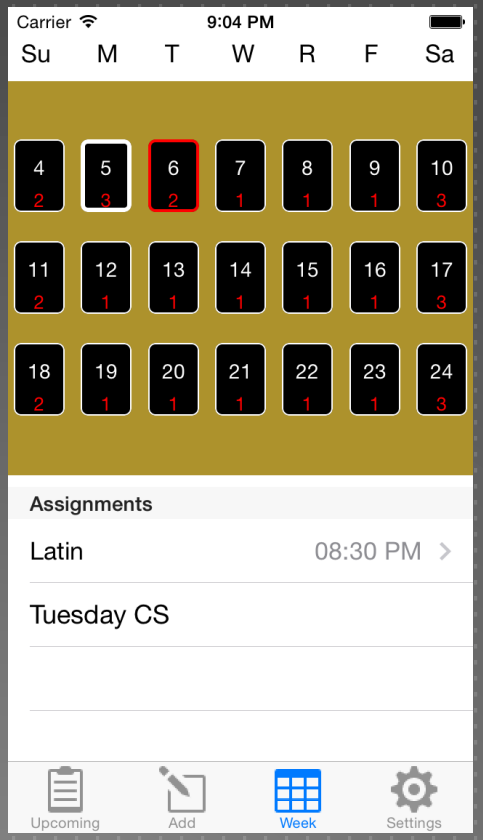
Purdue University Student

3-WEEK VIEW



The 3-week view shows the current and next 2 weeks (starting on Sunday) with the number of assignments due that day in red. Today's date is highlighted in **bold white.**



When the user clicks on a date, that cell is highlighted in red. Today's date still in **bold white**. Users can then see their assignments due for that day below. They can click on an assignment and edit it.

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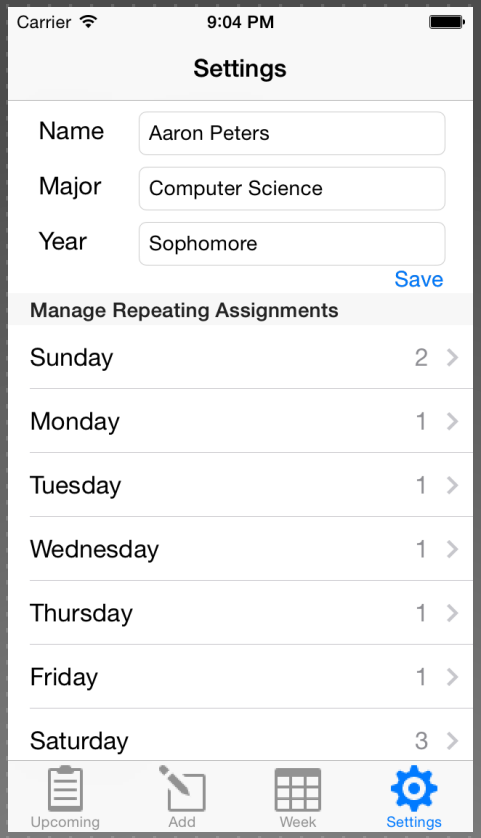
SETTINGS



This is the user's settings page. The user is logged in through Parse. The user's repeating assignments are stored locally via SQLite3 and globally through Parse. The next slide shows how users can manage repeating assignments.

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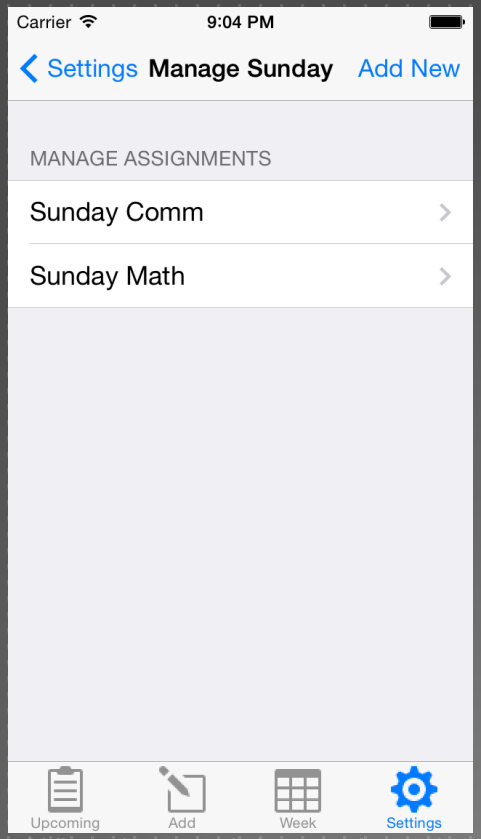
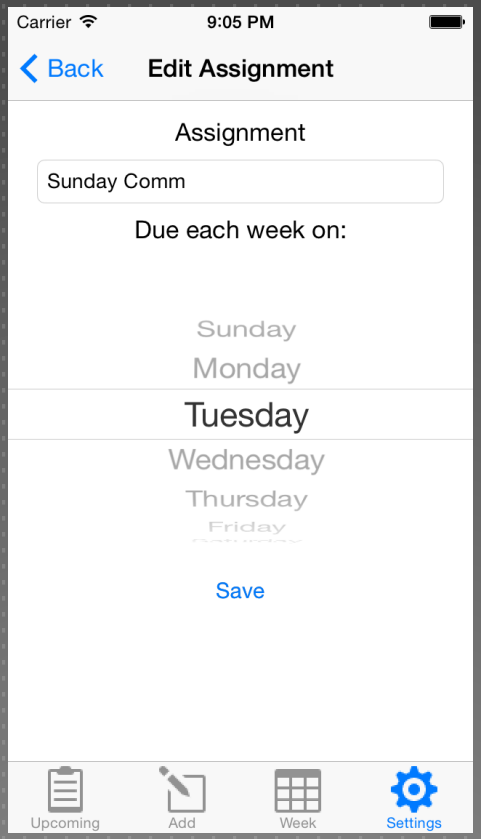
Purdue University Student

MANAGE REPEATING ASSIGNMENTS

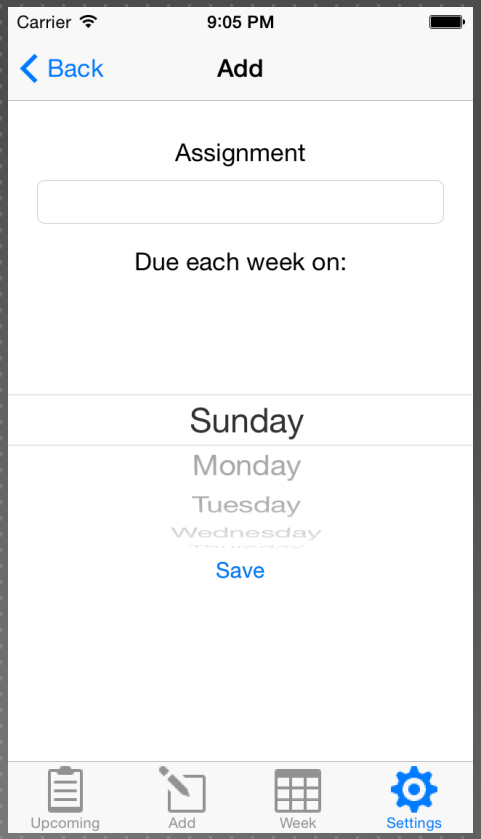


When the user clicks on a day in the repeating assignments table previously shown, they are then listed all repeating assignments for that day



The user can either click on one of the assignments listed to edit it

OR



The user can add a new repeating assignment for that day

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Purdue University Student

Section 3

FUTURE PLANS

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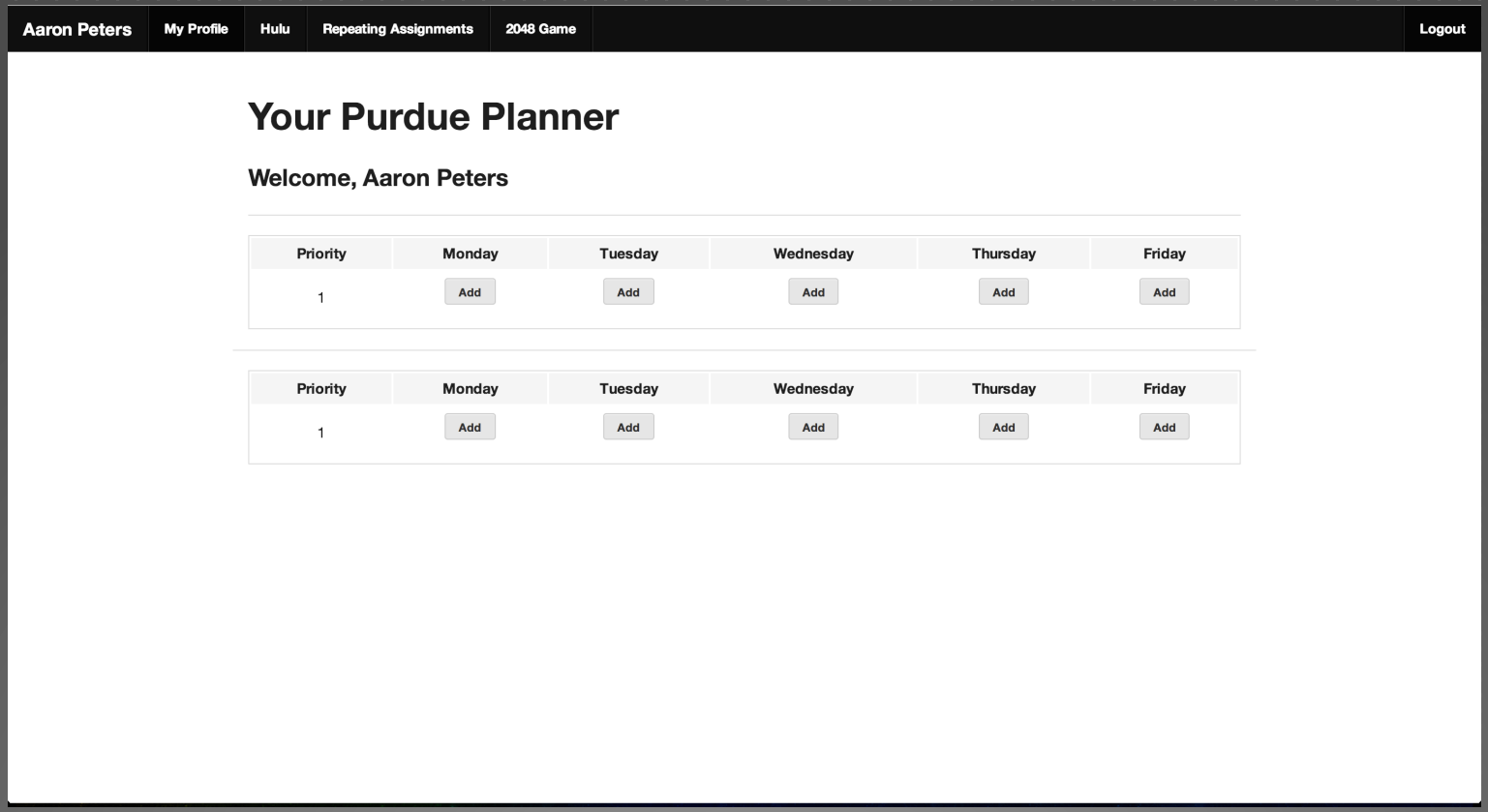
Purdue University Student

IN THE FUTURE, I PLAN TO CODE MY APP FOR ANDROID USERS AND IMPLEMENT A WEB UI



Here is a mock UI I created for the web that users could access. This is available at my Purdue website: Click Here

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