Milestone #2
10/14/18
CSCI 3308
Lab Section 204

Project Management Tool: Since we are using the agile project management method, trello

seems to be the best tool. Trello allows us to add to-do tasks that can be assigned to owners to

keep track of what needs to be done. It allows allows us to keep track of what's in progress and

what still needs to be done.

Project Requirements:

This project will be a website application that will utilize the reactjs framework using the

AWS services for our backend. Our website will be very interactable with the user. React will

help in making this interaction easier. Our UI will be a simple non-intractable interface with a

simple and easy to use design. With newer technology making things easier, we are going to

integrate with Amazon Web Services, which means MySQL and postgreSQL will not be needed.

This will allow us to easily access our data and scale it appropriately when needed. We will be

using Amazon S3 buckets to hold each user's individual information. AWS Cognito for user

authentication, and AWS DynamoDB for our database storage. Once the user registers, they

will be able to login and view their expenses and how they are doing according to their budget.

Progress bars will help in showing the user their progress in a more user friendly way.

Customizability is important, therefore the user will have the option to create a new budget

and/or add a new expense to their current budget. The functionality expands to many different
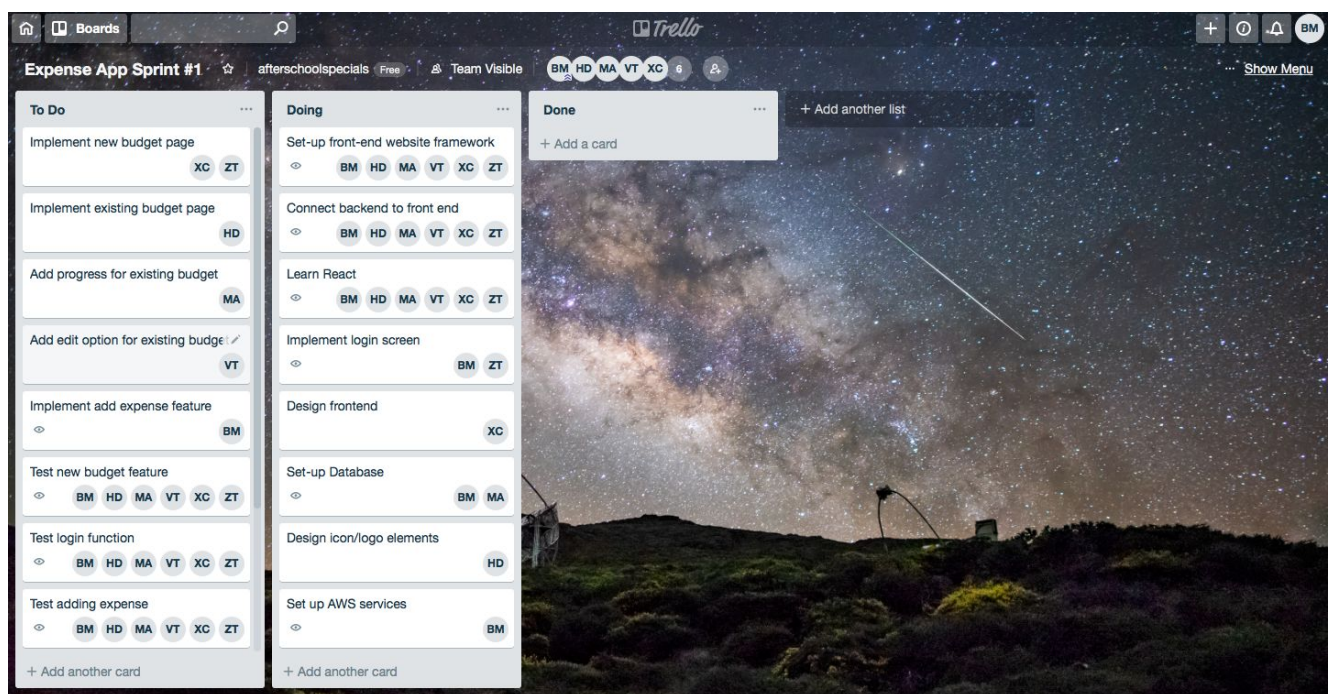
things such as the following:

- Ability to change budget

- Ability to add expenses

- Ability to create new budget

- Ability to Login/Register

- Ability to see monthly reports

- Ability to see current budget's progress

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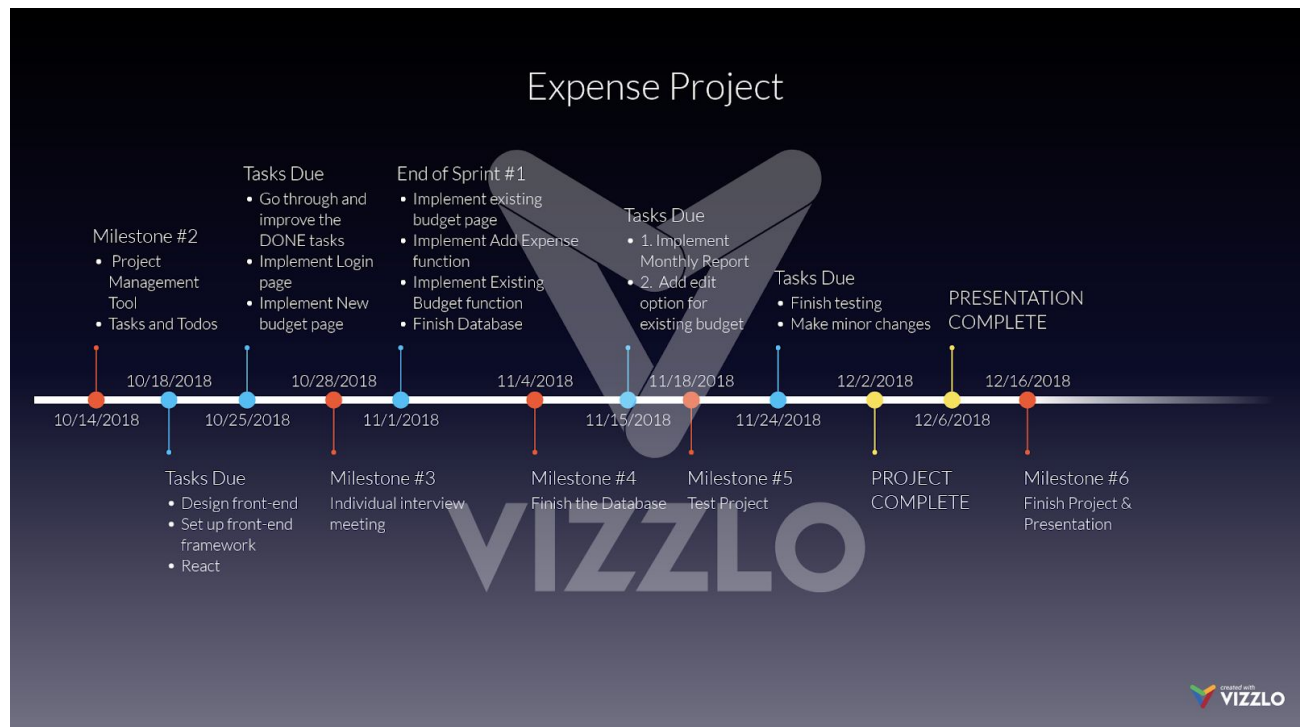The React.js framework will help tie all these different components together.

Plan Cycle within the Project Management Method:

Below is a screenshot of our project management tool, Trello. This is the tasks for our three week sprint. We anticipate it taking two 3 week sprints, with most of the activities in the first sprint. Any activities we are unable to complete in the first sprint will roll into the next sprint.

Project Schedule:

NOTE: Trello is keeping track of who is assigned to what tasks, so they are not listed on the project schedule

Agile Methodology:

The team went around and each member discussed what they did the previous week and what they will be doing this week. Since our last meeting, everyone was tasked with learning React in order to start our front-end as soon as possible. Due to outside tasks, we are currently still learning React. Until the next meeting, each member is tasked with either setting up the database, or starting the design of our pages, such as the login and budget sheet. We will also begin thinking of designs for icon and logo elements to make our page more appealing

and user friendly. Our current obstacles are mainly setting aside time to learn services and

languages we intend to use for our project, such as React, Amazon web services etc.