Team Name: Tech Buzzwords

CSCI 3308 Milestone 2

Members

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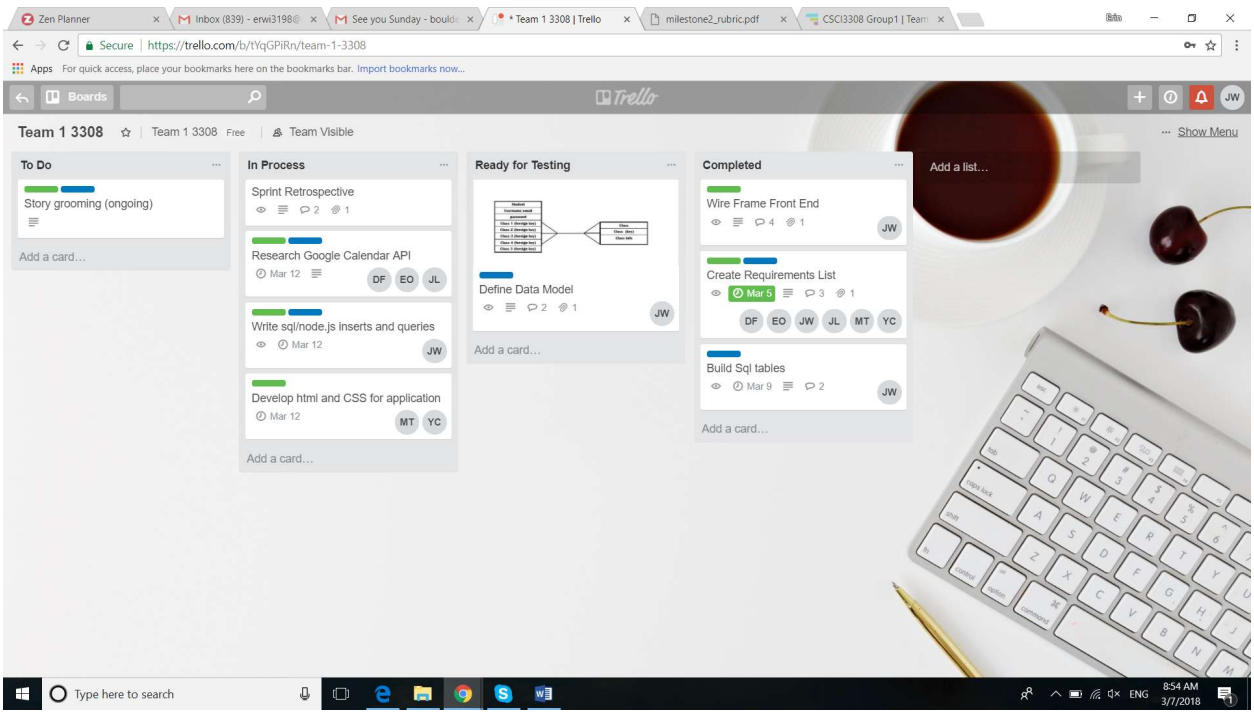
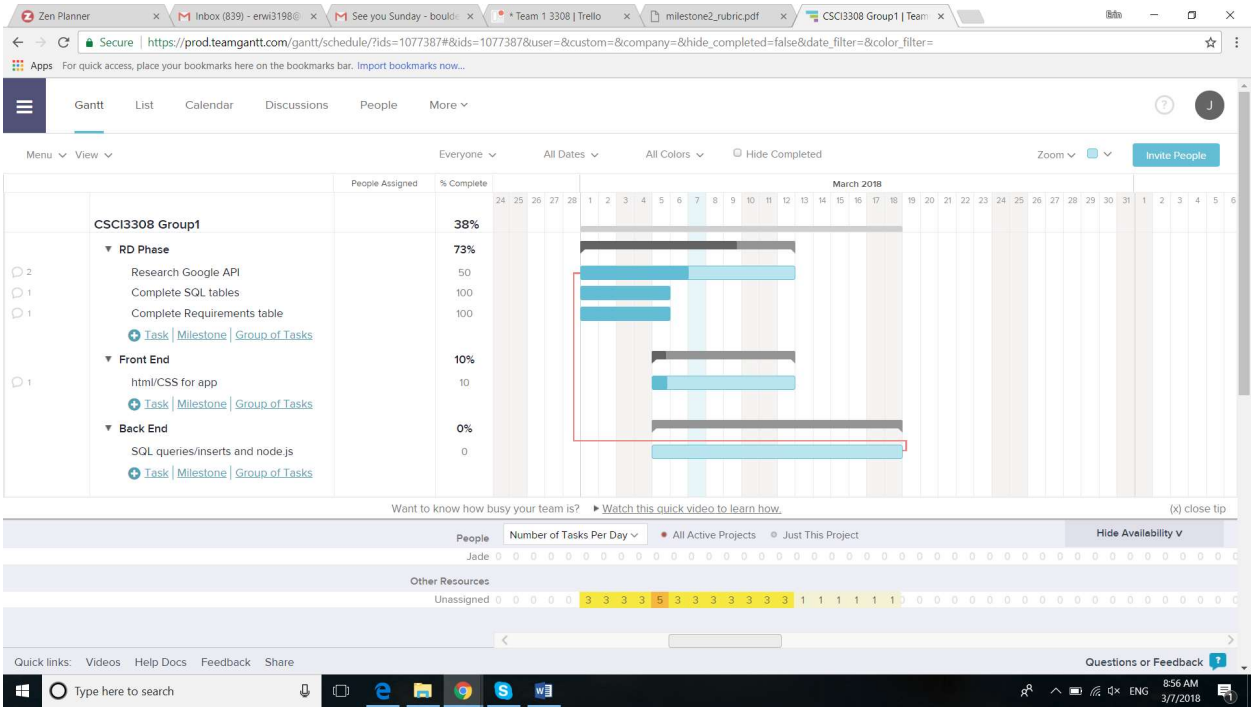
Project Management Tools in use:

Our group is working primarily with 2 project management tools. The primary tool is Trello. We have set up a Kanban style system with columns for things which have not been started yet, are in process, need to be tested and have been completed. We have used “Due dates” to signify which things we have agreed to get done each week. We have color coded tabs for if things fall into front end or back end parameters and can assign responsibility for tasks this way.



We also have a functional Gantt Chart which allows us to manage dependencies and view things as more of an active time line.



Finally, on a very granular level we are using Slack for our day to day communications. The team has been very active there discussing things which need to get done and letting people know as things are completed.

Requirements:

We have agreed on a list of requirements for our app:

	A	B	C	D
1	Group 3308 -1 TechBuzzwords Requirements List (Functional)			
2	User Story ID	As a <user type>	I want to <perform some task>	so that I can <achieve some goal>
3	1	Student	log in	access my specific calendar information
4	2	Student	select specific classes	see study groups for my classes
5	3	Student	see a list of other people in the class's emails	contact other student's via emal
6	4	Student	have access to a calendar	create new or join existing study groups
7	5	Student	create new or join existing study groups	have academic success
8				
9	Group 3308 -1 TechBuzzwords Requirements List (NonFunctional)			
10	User Story ID	As a <user type>	I want to <perform some task>	so that I can <achieve some goal>
11	1	Developer	use Google Calendar API	have reliable availability
12	2	Owner	manage all class edits/additions	manage app scalability
13	3	Developer	use Google Calendar API	have Oauth through Google
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Functional Features:

Feature 1)

Login Screen: This will allow students to log in or create a new account so that they can have a personalized experience.

Feature 2)

Class Selection:

Once a student has created an account they can select from the list of CSCI classes. This will give them access to only the study group calendars for their specific classes.

Feature 3)

Email address list:

For each class a list of other student's email addresses will be available. This will facilitate communication between classmates.

Feature 4)

Access to curated calendars:

For each class the student is in they will be able to see a calendar of study group meet ups.

Feature 5)

Joining or Creating Study Groups:

The student will be able to join an existing study group or create a new one.

Non- Functional Features:

Feature 6)

Google Calendar API - Accessibility

Using the calendar API from google means that we will have the accessibility and reliability of a well-made calendar to use for our app.

Feature 7)

OAuth from google

An added bonus of using the calendar api is that google will run all authorizations between the user and the calendar.

Feature 8)

Managed Scalability

With the admin/owner being the only person who can add classes this means that the scalability can be managed. If anyone could add a class this could lead to orphaned classes as students graduate.

Scrum:

Meeting held after lab on Monday March 5 at 4:40pm

All members were in attendance.

First discussion was over what we have completed over the last 2 weeks.

We needed to clearly identify our project plan and decide where to focus our efforts so we set up our project management tools, defined our requirements, created app wire frames, researched various calendar API's, created a data model and SQL tables.

SQL Tables created - Jade

Wire Frame and Data Model created and reviewed. Jade, Bryan, Dylan

Research on google calendar API – Rosa, Eric Julio

Trello set up – Jade

We discussed the goals for what we need to complete over the next week to stay on track.

The next two weeks we will complete:

SQL/node.js queries written – Jade

Calendar I frame proof of concept developed – Dylan, Eric, Julio

Html and CSS developed – Bryan, Rosa

Retrospective:

Overall the scrum went well. Everyone spoke up and contributed what they had done and we discussed some dependencies moving forwards. Things that went well were that we completed the tasks we had agreed to work on. Things that did not go well are that the Google Calendar API is very complicated. We may need to reexamine our approach to using a calendar. Either find another API or potentially rethink how it will be accessed via a src in the html and/or iframe. Additionally, our "stand up" kind of devolved into a full blown meeting with people sitting down and digging into details. We need to better schedule our time for meetings and stand ups and differentiate between them for our goals.