# Milestone Two

<u>Team</u>: Team Trio
<u>Members</u>: Blake Hampton, Blythe Waltman, Danny Giger

<u>Project Management tool:</u> Team Trio will be using two management tools to keep track of CU Review Development. For version control, we will be using git with Github. This will allow the team to review commits, changes in code, as well as see what feature each member is working on. For team communication and project management Team Trio will be using Trello, and online message in scheduling tool that will allow the team to divide and allocate work are track the progress of Development. Trello features checklist, which the team will use to outline each sprint and track the stages of development.

 The must have requirements for CU Review are the base features that will allow a functional website that users can communicate with. The basic features include login, account creation, user database, rating system, and Class database. Team Trio believes if these requirements are met then CU Review will meet its goal of becoming a CU class review web application.

<u>Functional Requirements</u>
- The User can create an account
- The User can log into the account
- The User can create a class to review
- The User can write a review class
- The User can edit a review
- The User can search for a class
- The User can upvote a comment
- The User can delete their review

<u>Non-Functional Requirements</u>
- Usernames must only contain letters and numbers.
- Passwords must be 10 characters.
- Passwords must contain one number and one symbol.
- Class review page loads in less than .5 seconds
- Properly storing user data on the user table.
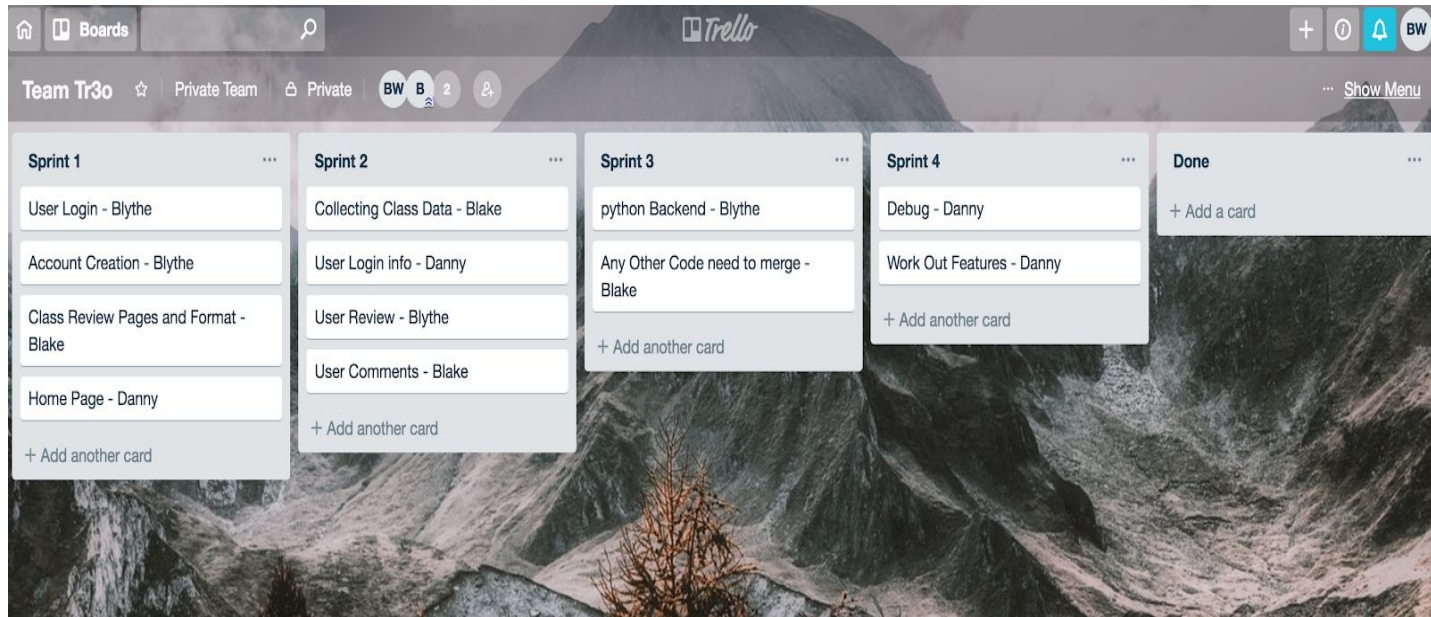- Storing user comments in Class Table

- Storing Classes into Tables

Team Trio's development plan will be broken into 4 sprints. **Sprint One** will encompass the front end development of CU Review. This covers any HTML and CSS that will form the user interface of the application. Features in this phase of development include login screen, account creation screen, Homepage, class review pages, and any other pages or front-end features need to create a functional UI. NodeJS as our framework. **Sprint Two** involves the collection of class data and the formation of the database. This database will consist of user login information, class review information, users comments or any other data need to be store for a functional backend. **Sprint Three** focus on fusing the front and backend. This will involve writing python / javascript for communication between both side, or any other features necessary for merging the application. **Sprint Four** the final phase in development will involve the debugging and polishing of the web application. At this point, Team Trio will have a finished functional application ready for presentation. Also at this stage, if time allowing, Team Trio will add any additional feature improving UI, efficacy, or any addition seen fit by the team.

Plan Cycle within the
Project Management Method: Team Trio will be using Trello as its management Tool. Trello is a web at that allows users to shared create message boards. On the boards user can create lists, allowing to add pull and push elements form each. Each member will have their own list, and each Sprint will also have a list outlining tasks. Each member will drag the element in the list that they are working on to their list, allowing each member to see what each member is working on as well as track development. The Team Trello board will act as the timeline and schedule for the development of CU review.
(names listed)

Agile Methodology: Since last meeting the team has connected of trello for better team communication. Before next meeting the team would like to have complete some of the frontend development. The team roadblocks are team participation by all members, as well as our busy schedules and lack of development experience.

| Sprint | Sprint 1 | Sprint 2 | Sprint 3 | Sprint 4 |
|---|---|---|---|---|
| Date Done | 10/24 | 11/15 | 11/24 | Project Due Date |