Team Members: Daniel Green, Darian Valdez, Zack Toelkes, Gayathri Gude, Gordon Gu, Joanne Liu

Project Management Tool

Our project will be managed in Trello. Our plan and track are documented in the Trello board using the Kaban 3-column format.

Requirements

Front end(What the user sees):

- Login to account/Create account
    - If “Create account: go to page to create user account
    - If “Login” go to main page of site
- Goes to next page showing options for “Discover” and “Saved Locations”
    - “Discover” will take you to a new page showing you new locations to choose from
    - “Saved Locations” will take you to a new page showing you previously saved locations you “Liked”
- In “Discover”, locations that you “Like” are limited to Boulder
- The user shall be able to filter locations within boulder depending on what they are looking for
- The locations in Boulder shall be randomly generated
- The locations that have been “Liked” shall not reappear
- There will be a list of “Liked” locations that will be put under “Saved Locations”
- When a user “Dislikes” a location, that location shall not be shown again
- When the user is done “Liking” locations, a list will pop up with the “Liked” locations
- The user will then click a location in this list and this selection will pop up on google
- Each location will have a “cost”(with dollar signs), “rating”(with stars), and “location”

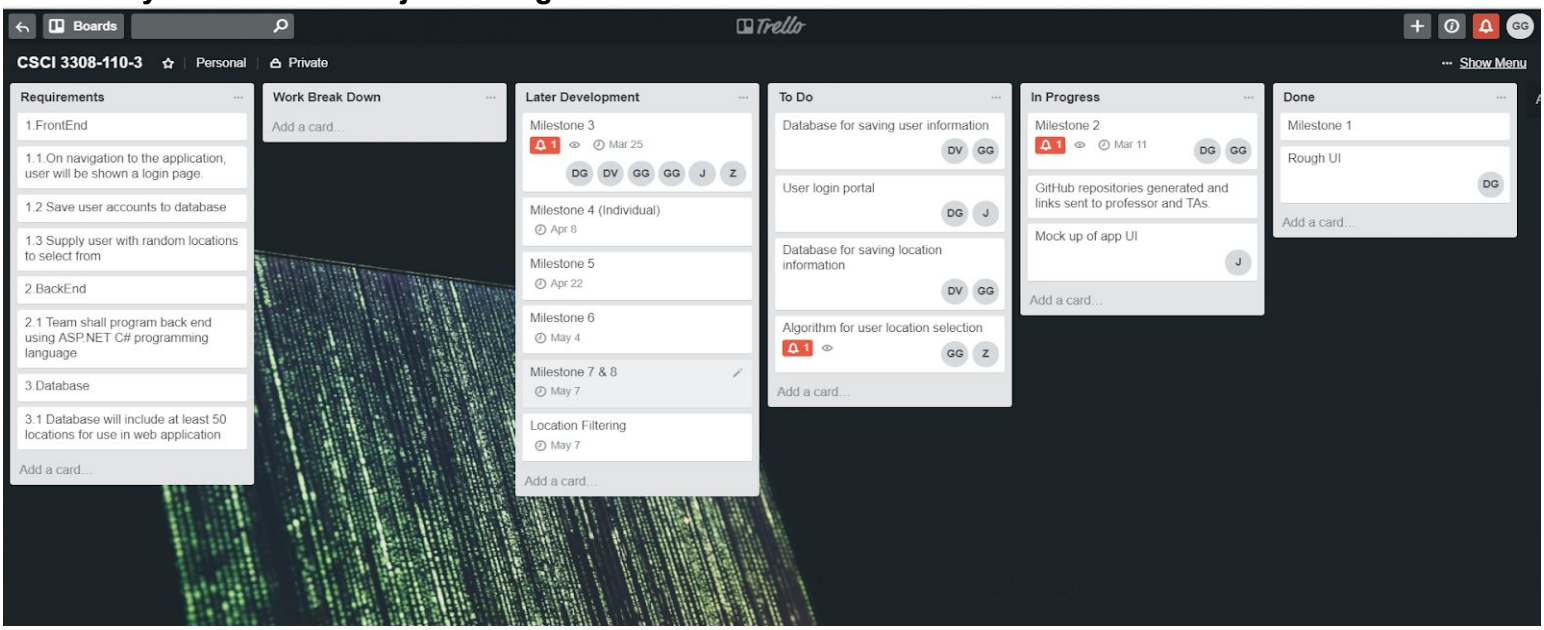
Back end:

- **Functional:**
    - We will use ASP.Net software
    - Database communications
- **Non-Functional:**
    - We will use ASP.NET C#
    - We will use SQLServer through ASP.NET framework to generate databases
    - SQLServer to store “price”, “rating”

Database(users and locations):

- We will use SQLServer to record the accounts created
- There will be at least 10 locations for each filter
- Each location will be in Boulder
- We will use SQLServer to list the “price”, “rating” for each location
- The locations will be static locations

Plan Cycle within the Project Management Method: Trello Screenshot



Agile Methodology

Scrum:

1. What have you completed since the last meeting
    A. Daniel
        a. Created first draft of app UI
        b. Assigned team members to tasks in trello
        c. Submitted milestone 1
    B. Gordon
        a. Create repositories for project, milestones, and meetings
        b. Prepared basic back-end functionality
    C. Darian
        a. Selected database framework for team to use
    D. Zack
        a. Wrote out requirements in list format
    E. Gayathri
        a. Developed most of the trello cards and assigned dates to upcoming milestones
    F. Joanne
        a. Assisted in drafting milestone 1 document

2. What will you complete before the next meeting
    A. Daniel
        a. Create a requirements breakdown
    B. Gordon
        a. Push Milestone 2 to repository
        b. Send links to repositories to professor and TA
    C. Darian
        a. Continue database development, dellegating as needed
    D. Zack
        a. Create overarching algorithm (flow chart or other means) for how the user location selection inputs are used

E. Gayathri
    a. Assist Darian in database development
F. Joanne
    a. Complete rough draft of app UI, utilizing Daniel's previous work

3. Describe any obstacles or roadblocks you face
    A. Daniel
        a. Will be gone Monday, March 19 for conference. Will fall behind on the topics discussed in class
    B. Gordon
        a. None known
    C. Darian
        a. None known
    D. Zack
        a. None known
    E. Gayathri
        a. None known
    F. Joanne
        a. Switching mockup of UI from ninjamock to another software will mean lots of things will need to be recreated from scratch

Retrospective:

- Meeting as a team to work ensures entire team is on the same page about items to be done
- Having leads for separate parts of development would ensure a clearer understanding of who should be doing what
- Timeline of project is still vague, needs to be clear so that team can see if they are behind or not
- Team's inexperience has caused getting started to be slow