Stayiza App: Week 1 Scrum Report

Who is the current Scrum Master?
Pratham Shroff

How is Scrum being implemented?
Kanban style backlog: https://github.com/orgs/BUCS501/projects/2
Linked to issues, milestones, assignees, reviewers & sorted by priority, type & size

Research & Development Tasks:
- Planning out the storyboard
- Creating a wireframe & finalizing UI
- Conducting more research & self-learning on the APIs & how they work
- Developing issues for upcoming sprints & brainstorming tasks

Who is focused on what?
- To make sure everyone is equally involved in the project & knows every part of the project, we are focusing on individuals tackling a bunch of issues (on GitHub) instead of bigger chunks of the projects.
- Tasks will be added to a new Kanban created on GitHub Projects for each sprint & tasks will be added to the backlog almost always linked with an issue will be created in the sprint-planning meetings. Tasks will also be sorted by priority, size & type to ensure visibility of work being done
- Everyone will also be focusing on reviewing code & giving feedback on the same. We have also applied branch protection rules on GitHub to ensure no one can merge their branch with the main branch without raising a PR with at least one other member of the team approving it.

How often is the team meeting during sprints?
- **In-person**
  - 1-hour on Tuesday before class to plan the next sprint, add to its backlog & discuss blocking issues
  - We are practicing '**Pair Programming**' so pairs that are working on the same issue will be meeting more frequently & pairs will be shuffled to promote better work & team building
- **Online**
  - 1-hour between Fri-Sun to discuss progress, help each other & make sure everything is working

Plan for the next sprint:

- Template Event Page (Activity): One activity screen that acts as a template for events. If the location of a drawable image in res, a event title (text), event date (date) & a description (text) is passed to this activity in a Bundle perhaps, it should be able to display a summary-style of the event with a link to a website with more info (!!!)
- Template Restaurant Page: After info is received from the API, displays the same
- Find data for 3 Events in Boston, 3 in NYC & 3 in San Francisco & store in organized CSV to use for demonstration of our app before API integration takes place (!!!)
- Location Fragment: Primarily for home screen. Uses the Geo-Locator Function (if user permits us to do so, add pseudo code for the same if geo-locator not done yet), displays Boston as default and also provides change button which displays drop down with options (as Boston, NYC, SF) (!!)
- Share Fragment: Can be used in events/rest. activities. Generates an intent to share a link and title to another person using Messages/WhatsApp/Instagram etc. (!)
- Geo-Locater Function: to detect user's current location, ask for permissions & display detected city in the bar above (!)
- Add testing documentation to project README.md on how to download Android Studio, set it up, clone our github repo & test our app using emulator
- Add documentation to project README.md on what our app does, which APIs it uses, some wireframe screenshots etc.

Ideas we might do in this sprint or the next:
- Login Activity with Facebook and Firebase Authentication
- Google Maps API for Location Detection
- Yelp API to find nearby restaurants
- Eventbrite/Ticketmaster API for Events
- SQLite - To sort, filter & select rest.
- SQLite - To make cache to store data to reduce API requests