**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