Project: Arizona Roadmaps

<u>Scrum Master</u>: [Javanshir Pashayev]
<u>Team</u>:

Javanshir Pashayev
Dina Bataq
Markus Valvur
Tin Pham

Sprint 11 Summary, April 6 - April 19

Meetings:

4/6/2021 → 4/19/2021 [3:00 P.M.]

Description:

Sprint Retro 11 focused on testing and debugging the application. A test revealed that markers generated from a search input or a campsite selection, would not have the path autocorrect to it. This issue was addressed and solved before the final showcase. Two functionalities were still incomplete in the settings drawer. Both help and favorites page were finished for this sprint. The favorites page was redesigned as a "Popular page", to display all the popular campsites on the app. The latter half of the sprint was focused on getting the presentation ready and registering for Spring Capstone Presentation 04/23/12.

List of Project Backlog Items Committed:
For this sprint we had 7 user stories.

- **Troubleshoot SearchPage:** This user story was assigned to Tin and the purpose of this story was to test and debug the search page.
  - **Routing:** The purpose of this task was to display routing for the marker created by the search page and path it to another existing marker.
- **Troubleshoot CampsiteForm:** This user story was assigned to Tin and the purpose of this story was to create a campsite form to allow users to add campsites to the campsite page.
  - **Display CampsiteForm:** The purpose of this task was to display the campsite form via dialog box with necessary inputs as well as a submit

button to publish the campsite onto the app server-wide. Test and debug as necessary.

- **Logo :** This user story was assigned to Markus and the purpose of this story was to create a logo for Arizona RoadMap.
  - ○ **Logo:** The purpose of this task was to add the Arizona RoadMap logo to the setting drawer.

- **Help Page:** This user story was assigned to Dina and the purpose of this story was to finalize the design of the help page.
  - ○ **Finalize Help page design:** The purpose of this task was to finish up with the help page design.
  - ○ **Upload to Taiga:** The purpose of this task was to update taiga with the final design.
- **Campsite Card Color:** This user story was assigned to Javanshir and the purpose of this story was to change the colors of the campsite card upon clicking in addition to making the color user friendly.
  - ○ **Campsite Title Color:** The purpose of this task was to change the text color scheme to be more visible.
- **Campsite Template:** This user story was assigned to Javanshir and the purpose of this story was to improve the look of the campsite card to provide a better user experience.
  - ○ **Containe**r: The purpose of this task was to redesign the first three parameters of the campsite page with a container widget.
- **Favorite:** This user story was assigned to Markus and the purpose of this story was to add the page link to the favorite page in addition to updating taiga with the recent design.
- **Acceptance Criteria :** This week the team was able to complete all stories and pick up from the previous sprint with success.

- Status: All these stories were complete and closed on time.

Sprint Velocity:

Overall Velocity: **6** of [6]   **(total tasks finished of total assigned)**
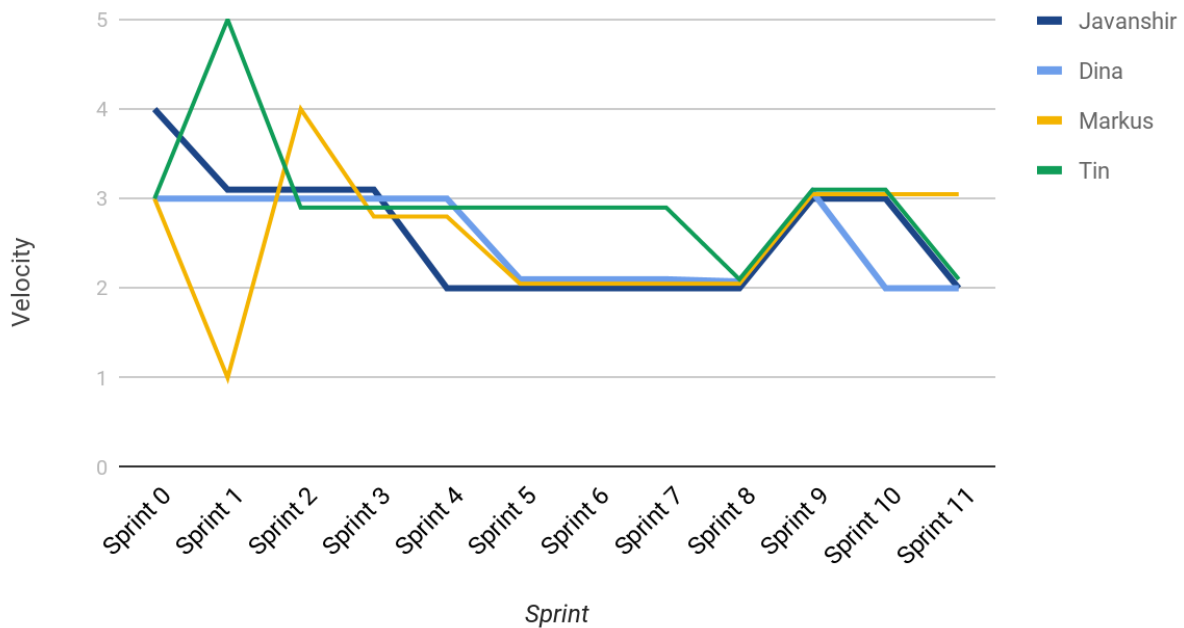
Individual Velocities:

Javanshir: 2
Dina: 2
Markus: 2
Tin: 2

Sprint Velocity

- The Dev team worked on finalizing all final features of the app. The sprint focused on debugging the application and ensuring features were functional. The remainder of the sprint was used to prepare for the registration and the capstone showcase presentation.

Link to Scrum Tracking progression:
https://tree.taiga.io/project/dinabataq-arizona-roadmap/

Product Owner Feedback:

Functionality Demonstrated

The app displayed a route from point A to point B numerous times in consistent fashion. The route could be created from the main map, the search page, and the campsite page. Each page functioned as declared. The campsite page supports an "add campsite" form on the top right of the app bar. Upon clicking this button, user can submit a form to display a new campsite on the app!

Feedback given by Product Owner

Arizona Roadmaps displays a functional route from point A to point B. This route can be generated from anywhere on the map (home page), searched from anywhere in Arizona (search page), or a campsite from the campsite page. The settings drawer is also looking pretty good. Redesigning the favorites page into something more doable is a good idea.

Feedback given by Sponsor

Dr. Metchly:

> Maybe it's obvious, but just to reiterate on what we mentioned: you guys have done a lot of work researching a relatively new app framework and programming language that is much younger, has a smaller community, and is less well-documented than alternatives, but that emphasizes a lot of interesting paradigms (e.g. asynchronous code, MVC architecture, cross-platform but compiled, compared to e.g. Cordova/React Native) which make it great for fast, responsive apps, but also probably challenging for a new project, so hopefully that work can get the credit it deserves. Same goes for all the decisions in the architecture design (choice of firebase / firestore, how you host media, etc.), conceptualization, excellent graphic and user experience design, ground work visiting the sites, software engineering (agile sprints, version control and collaborative development through GitHub) and more that tells the story of what it takes to build your app and go far beyond what a demonstration centered around the app will be able to provide, but is definitely all relevant for the capstone.

Dr. Coleman:

> I hope you all can articulate this and bring it into your Friday capstone presentation – Brandon has laid out the roadmap!

Description of team response to feedback.

> We appreciate the help and support throughout creating our application! This was a new experience for all of us and there was much to be gained. We are proud

of the application and without your guys' help and input, it would not have been possible to get the success that we did.

Team Process Improvements:

Same process as previous meeting. This sprint was the test phase as well as any final touches to the project so very few team meetings for individualized focusing of tasks. When help was warranted, it's very fortunate to have Dr. Metchley on our side giving us feedback and targeted assistance much to the courtesy of Markus who needed the help. We closed off the sprint with a spectacular meeting with both sponsors to officially close out our capstone with final thoughts and input to the final remains that is our project and upcoming final presentation.