

Blueatt

Team 35 - Sprint 2 Retrospective

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1. What went well?

In the later part of the sprint, we finally start to show some productivity that we should have and finished most of the user stories. We began to implement logic within our UI to complete user stories from start to finish without parts being separated.

In Sprint 2 we finished:

User Story #1

As a developer, I would like to store student information securely

- For this story, we ensured that when the student entered in their username and password, we stored it securely inside our database.

User Story #2

As a student, I would like to use general bluetooth devices to connect to the scanner

- For this story, we utilized android studio and the Android Bluetooth API in order to successfully connect our test devices to each other and save their device ID's for attendance

User Story #4

As a student, I would like to register my bluetooth device for my Purdue username via phone app

- We completed the UI to allow user input to add a device ID that will be used to have their attendance taken. This is then saved and can be added to the database to be used when scanning for devices

User Story #5

As a student, I would like to register a new device to my same Purdue username if I get a new device

- For this story, we created a method that would search for the username that wanted to be updated, then verify the person's identity with their password, and then replace the old device with the new device in the database.

User Story #7

As a student, I would like to see my attendance trends and historical data

- A student is able to select a date in the UI to see the attendance of that day and it will be displayed in the UI

User Story #8

As a developer, I would like to get user feedback

- For this story, we implemented a method that would read the string given in the UI as feedback and save it to the database. We will be augmenting this feature by sending feedback as an email to the developers

2. What did not go well?

In Sprint 2 we did not get as much done as we had originally planned. Team members are not active enough due to busy schedules and bad working habits. We also faced issues such as lack of knowledge on bluetooth functionality and implementation of database within the app.

User Story #3

As a student, I would like to have my attendance taken just by bringing bluetooth device

- We decide to focus on only implementing the Bluetooth API for Android and that didn't leave enough time in order to finish the location-based scanning method that we ultimately want.

User Story #6

As a student, I would like to receive a notification that my attendance has been recorded

- We haven't gotten to the part in terms of being scanned in Bluetooth API. We only have unconnected UI for this one.

3. How should you improve?

1. Team Meetings

- a. In the next sprint we will be meeting more often (3 times a week) in order to improve team productivity and communication.

- b. Make sure everyone shows up consistently and stay focused within the meeting.
- 2. *Individual Productivity*
 - a. For the assigned tasks, each team member should be actively working and figuring out ways to accomplish them in time.
- 3. *Git Usage*
 - a. We will be focusing much more on pushing update to the project on git in order to ensure each member is able to receive the most recent project