

Sprint 1 Report

Product Name: Velo

Team Name: YesYes!

Date: 10th July, 2017

Actions to stop doing

- The team should stop using the git add * command, since it ruins the files in the git repository. Instead, the team should use git add (specific file name) to add the files to the repository.

Actions to start doing

- The team should learn how to use git branch command.
- The team should meet and start working before 6 PM to prevent from working till late at night.
- The frontend developers should learn how to design xml with the material design library.

Actions to keep doing

- The development process for the backend part of our product is working well, and we should continue on similarly in the next sprint.
- The team continues to learn new technical knowledge such as git, xml, and sql.

Works completed

User story 1

- Create a account register page.
- Create a login page.
- Build a web server with Apache.
- Setup the the development environment with PHP, MySQL, and Android Studio.
- Store the personal information (name, user id, password, email address, phone number, KAIST student id number) entered by the user in the database.
- Develop the login system to support the following roles:
 - If the user enters an email address and a password that matches the with the email and password from the database, the user successfully logs in to the system.
 - Once the user logs in, keep the user logged in until he/she logs out using the sharedPreferences library from the android sdk.

User story 2

- Create a my account information page.
- Create a bottom tab that allows the users to access other pages: bike list page, my bicycle information page, my account information page.

- Develop the user account page to support the following role:
 - If the user access the my account information page, the personal information is retrieved from the database and shown to the user.

User story 3

- Create a bicycle register page.
- Develop the bicycle information page to support the following role:
 - The bicycle information (lock password) entered by the user is stored in the database.

User Story 4

- Create a my bicycle information page which has the button that lender can change the status of bicycle (status: Lending Available, Not Available)
- If the lender accesses the my bicycle information page, the bicycle information is retrieved from the database and viewed
- If the lender change the status of the bicycle, changed status is updated in the database

User Story 5

- Create a bicycle list page using recyclerview
- If the borrower accesses the bicycle list page, list of every available bicycles is retrieved from the database and viewed

User Story 6

- Create a bicycle information page which has 'rent' button that borrower can borrow the bicycle
- Create a riding page prevents borrowers from connecting other pages while using the bicycle. The page has 'finish' button that borrower can finish rental
- If the borrower click the rent button, the status of bicycle is updated to "Using" in the database and the rental information is stored in the database
- If the borrower click the finish button, the status of bicycle is updated to "Available" in the database

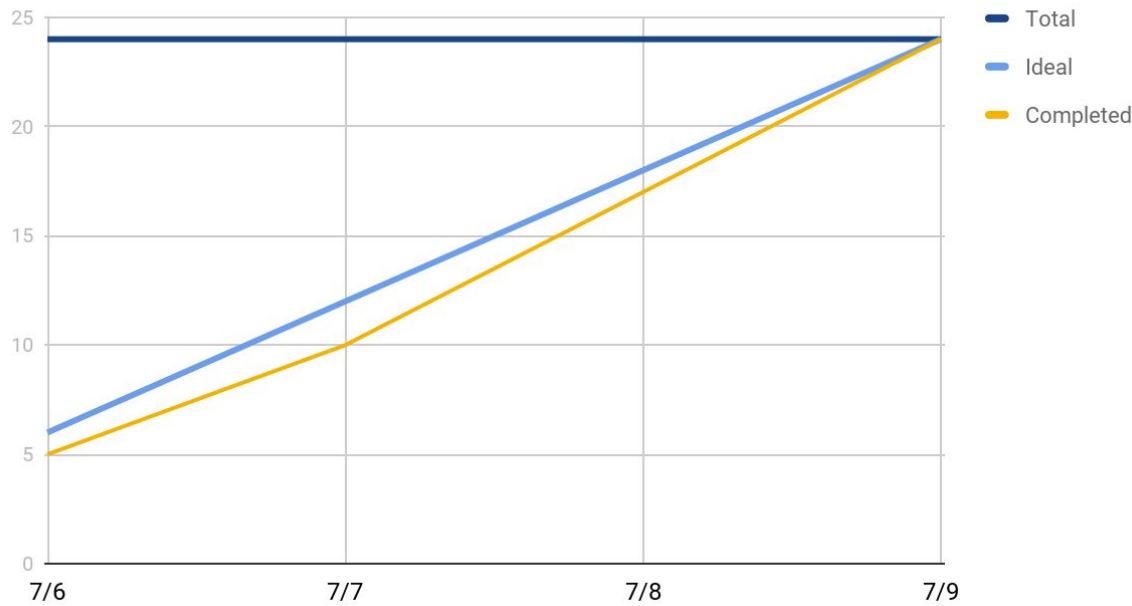
Works not completed

- All done!!

Work completion rate

- The team finished 6 user stories in sprint 1.
- The total number of estimated ideal work hours is 23 hours.
- The team spent total 4 days in sprint 1.
- For sprint 1, the team developed in a rate of 1.5 stories / day and 5.75 hours / day.

Burn up chart



(There is yellow dot at sprint 1)