\n - Newline

Team 19

Deliverable 3

Notice

Our sprints are usually 2 weeks, hence we would separate it into 2 sections for this deliverable

Overview of Tasks

- Due to how VSTS manages backlogs, we were unable to separate backlogs.
- We were planning to complete tasks up to S-6
- Our goal is to complete around 5 hours/points per week. Hence 10 points per sprint
- Our tasks can be found on [Kanban board](#)
    - Stories contains our user stories, the parents of our tasks
    - Task are the tickets to that make up the feature defined by our user story

Deployment Instructions

Frontend

- Change directory into "Front-end"
- Make sure node.js is installed, https://nodejs.org/en/
- "Npm install" to install dependencies for react project
- "Npm start" to start the application on a development server

Backend

- Install latest version of python (3.7 or later)
- When installing, select ADD PATH
- Make sure internet connection, then use command line(or terminal/powershell) to run below command
- pip install Django
- After installation successful, Change directory into "Back-end" and change to "backend", then run below command
- python manage.py runserver
- Now server is up and ready to be used.

Sprint 1

Duration: October 15 - 21

Sprint Plan:

Qingtian Wang	B1, B2, B3, B4
Vishwaa Patel	F13
Frederic Pun	F14

Tasks:

F-14	B-15	B-1	B-2	B-3	B-4	F-13

Green: Completed
Yellow: Started

Burndown Chart

Burn down chart week 1
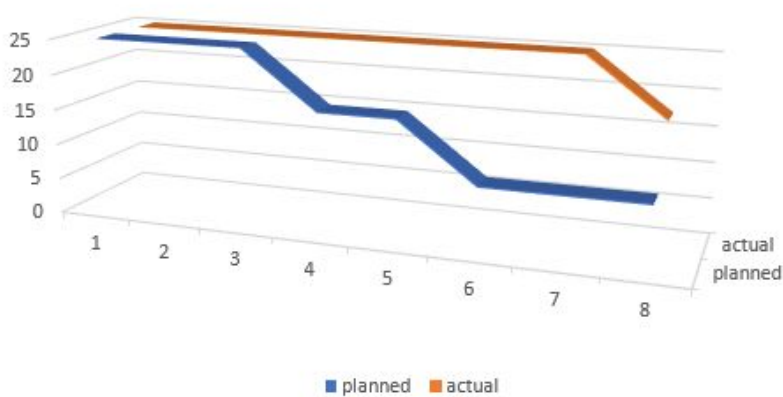
Data\Day	0	1	2	3	4	5	6	7
planned	25	25	25	17	17	9	9	9
actual	25	25	25	25	25	25	25	17

Sprint Report
- Three new tickets; F-14, F-13, B-15
- Slow progression due to heavy dependence on F-14 and B-15
- With issues of VSTS, the work was migrating back to Github
- Decided to switch to django instead of spring for backend

Sprint 2

Duration: October 22-28

Sprint Plan:

Qingtian Wang	B1, B2, B3, B4, B14
Vishwaa Patel	F1
Frederic Pun	F5
Jialiang Lin	B6, B11, B13

Tasks

F-13	B-1	B-2	B-3	B-5	B-14	F-5
F-1	F-2	B-6	B-11	B-13	B-14	

Green: Completed
Yellow: Started

Burndown Chart

Burn down chart week 2
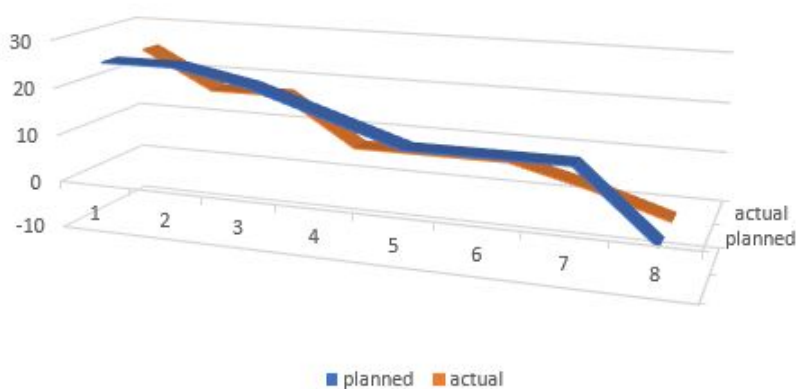
Data\Day	0	1	2	3	4	5	6	7
planned	25	25	22	17	12	12	12	-2
actual	25	17	17	7	7	7	3	-2

Sprint Report

- We are working on the upload feature first since it serves importance to the client.
- We have implemented the dashboard and the login page, and are planning to increasing the development speed for the front-end in the future.
- The account management endpoint for the backend is almost fully functional and contains functionality such as modification, registration, verification and deletion of accounts.
- We are using a technique which allows us to transmit account information securely by using tokens.
- Implemented most CI and CD for both frontend and backend using heroku, travis, and netlify.
- The upload for the front-end is almost ready and are waiting for the back-end to finish so tests can be progressed.