

## Project Part 3: Progress Report 1

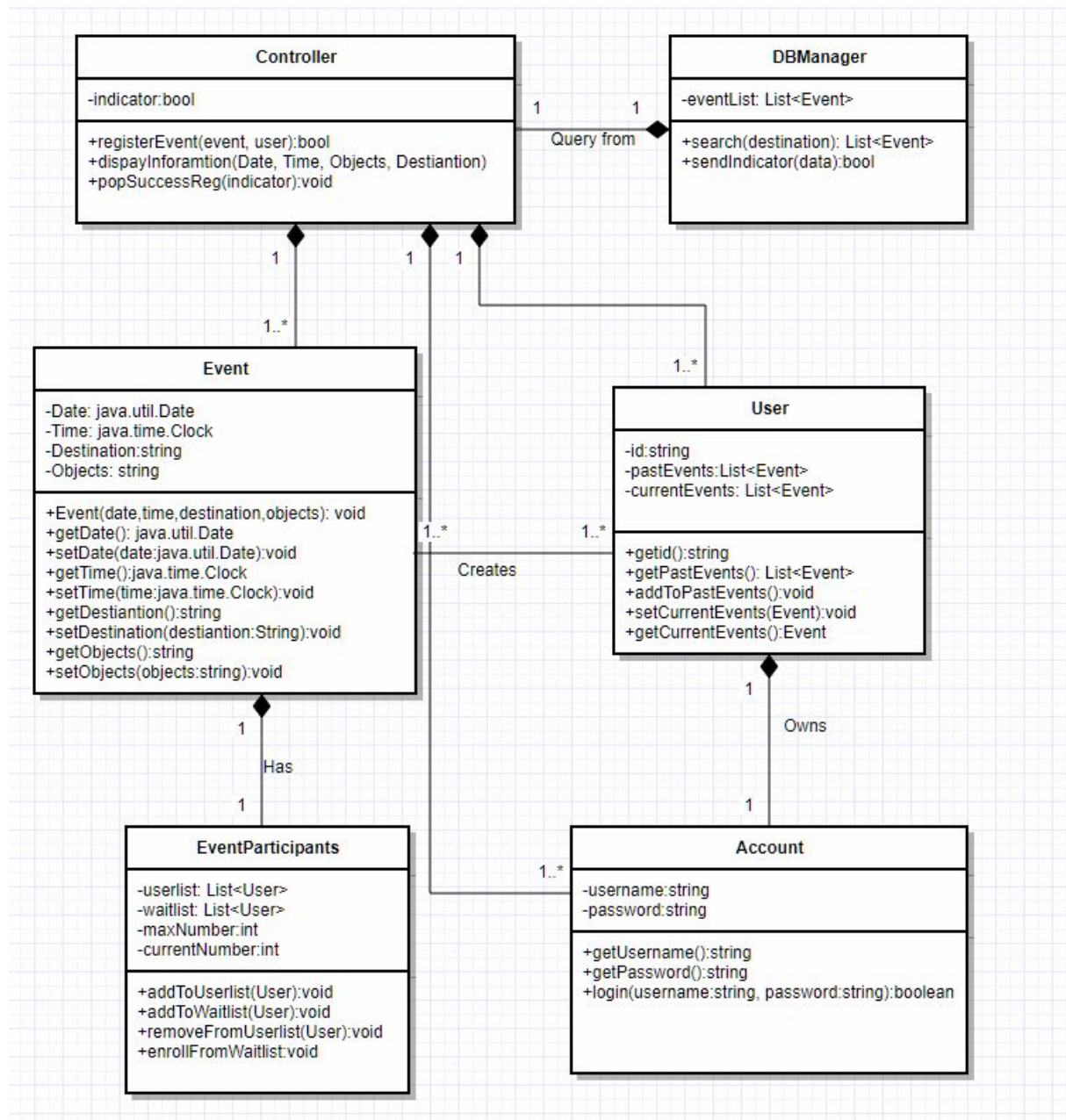
### 1. Project:

Team: 12\_HikingCompanions.

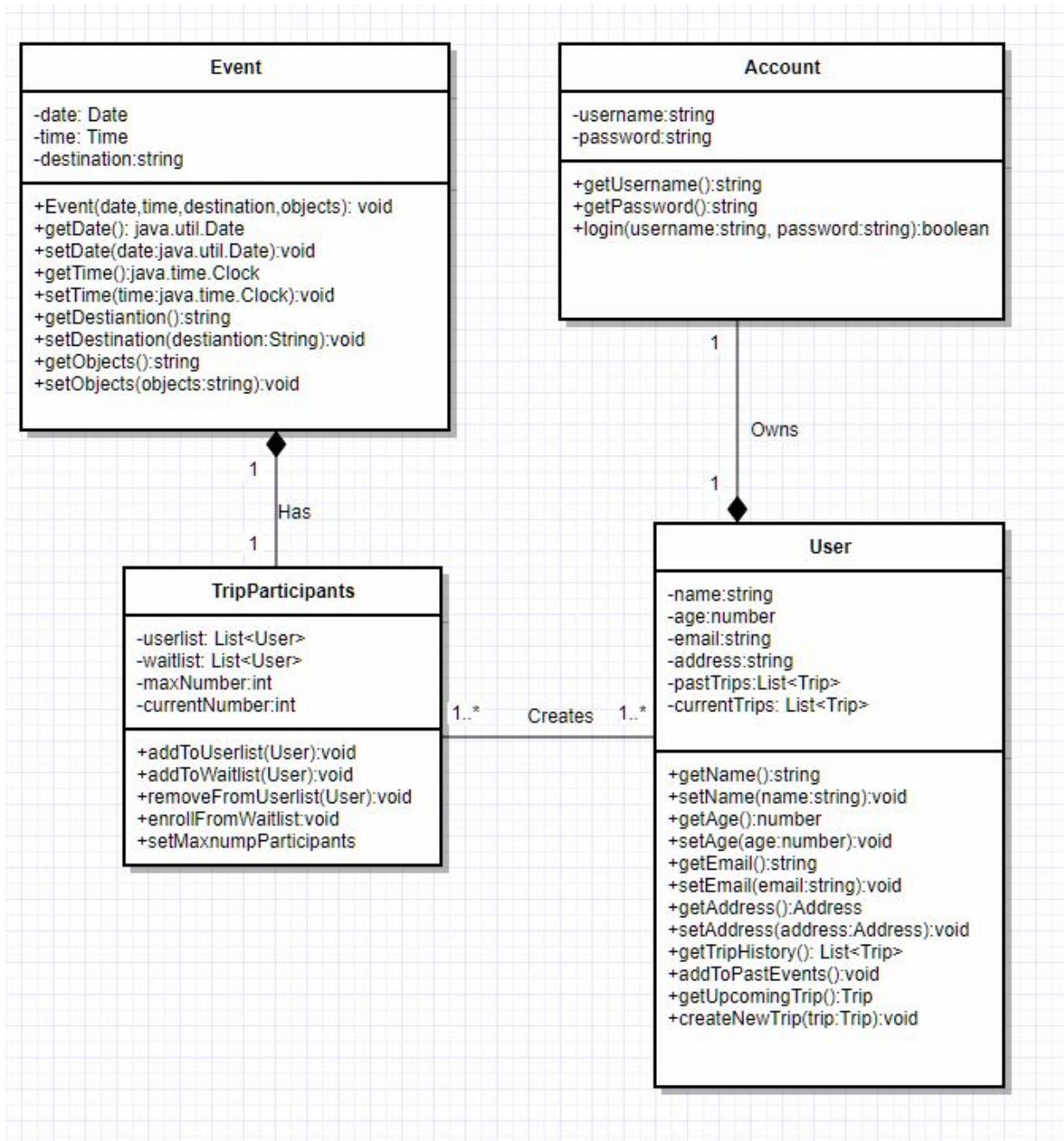
Team members: Le Qin, Ruiwen Jin, Siqu Feng

Project summary: A hiking web application that allows hikers to post hiking plans, find companions with the same hiking routes, and join hiking events to hike together. Users can leave feedback of the routes and making friends with other hikers.

### 2. Previous class diagram:



### 3. Completed Class diagram:



### 4. Summary:

We have discussed and decided the language to write in, and the framework the system is settled in. We would work in Angular 4 with TypeScript. The framework was set up. Some of the classes were implemented with TypeScript.

## 5. Breakdown:

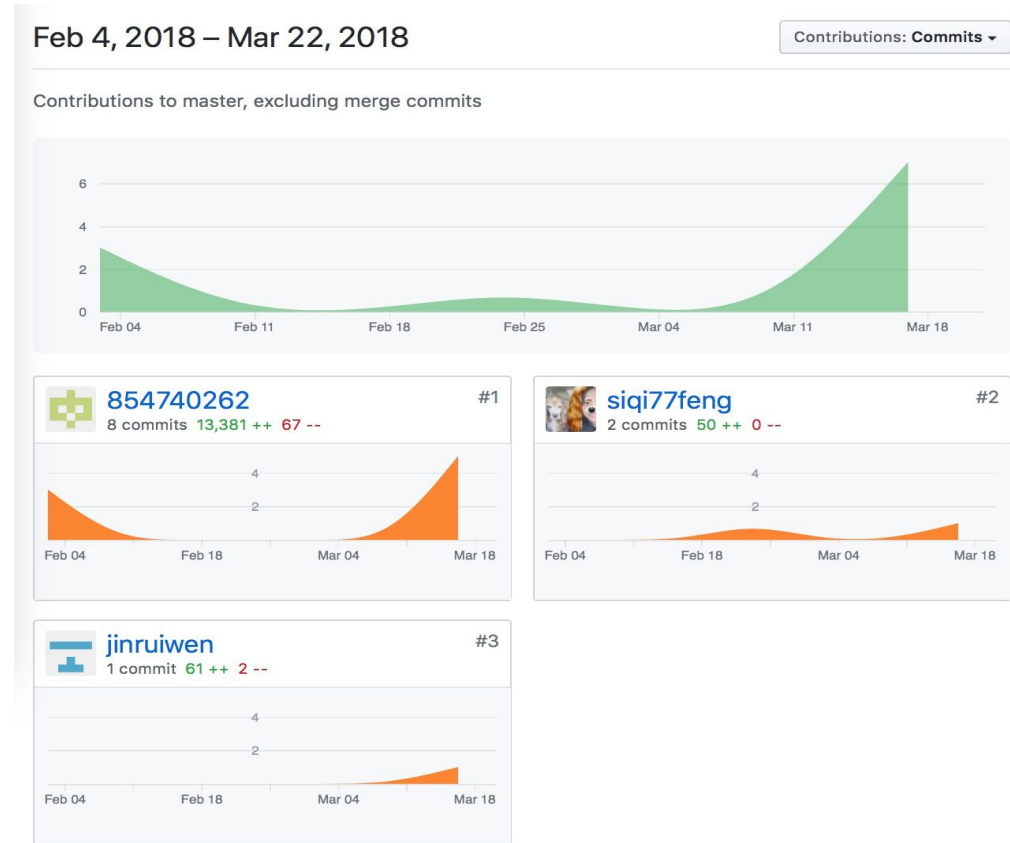
Le Qin: wrote ACCOUNT class; posted the upcoming tasks.

Ruiwen Jin: wrote USER class; kept tracking of the process.

Siqi Feng: wrote TRIP class and TRIP-PARTICIPANT class; documented for what everyone has done.

Le Qin, Ruiwen Jin, and Siqi Feng together: Decided the language and the framework to use. Set up the framework together on a team meeting.

## 6. GitHub Graph:



## 7. Estimate Remaining Effort:

We had a good start without much conflict and trouble. However, we still have left most of the heavy work to do. To have the design in Part 2, we will need to implement:

- Finish writing all the necessary classes;
- Link between classes and controllers;
- Build front-end in HTML/Terminal;
- Build database and store all data correctly;
- Tests and debugging.

## 8. Next Iteration:

Our plan for next iteration is to finish coding all necessary classes, link classes and

controllers correctly, build a database and make sure that all data stores correctly, and start to build the front-end if time permits.