

COMP9323 Project Documentation

DreamTeam

August 8, 2022

1 API Documentation

Code comments have been fully added, and API documents are exported as JSON files using Swagger. The API documentation is stored in `swagger.json` under `backend` folder. To access the API documentation:

1. configure the environment as described in Part 2
2. then use following command: `python3 apiDoc.py`
3. then visit localhost: 127.0.0.1:5500

2 Environment configuration

2.1 Back-end setup

1. make sure your pip is the latest version, run the following command: `pip3 install update pip`
2. use `cd` command go to the *backend* folder
3. install all libraries by using the following command: `pip3 install -r requirements.txt`
4. make sure you have mysql installed, otherwise you will need to download version 5.7 of MySQL from the official website: <https://dev.mysql.com/downloads/mysql/>

Note: The default user name and password of mysql 5.7 are **admin** and **123456** respectively. This is consistent with the configuration of our project

5. once you download MySQL successfully, run following commands one by one under *backend* folder in the terminal:

```
mysql -u root -p
enter password: 123456
create database intern:
use intern:
source intern.sql:
```

6. run the following command to start backend project: `python3 application.py`

2.2 Socket Server Setup

1. make sure you have Node.js installed
2. navigate to *socket* folder
3. run `npm install` and `npm start`

2.3 Front-end Setup

1. make sure you have Node.js installed
2. navigate to *frontend* folder
3. run `npm install` and `npm start`

3 Source Code

Access the source code through GitHub link: <https://github.com/Dwyane37/DreamTeam>

4 Version Control

We use Git for version control and project members use their personal accounts for version submission.

Student ID and GitHub Account:

z5289197	-	Shiqi Zhou	-	Dwyane37	(back-end)
z5211485	-	Serena Zhang	-	Serena71	(front-end)
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Commit history and member contributions are available on GitHub <https://github.com/Dwyane37/DreamTeam/graphs/contributors>. Member contribution is presented in the Figure 1

5 Project Management

During this project, we used Jira to manage each person's tasks, assign tasks, and monitor each other's work progress. Jira board screenshot is provided as Figure 2



Figure 1: GitHub Contribution

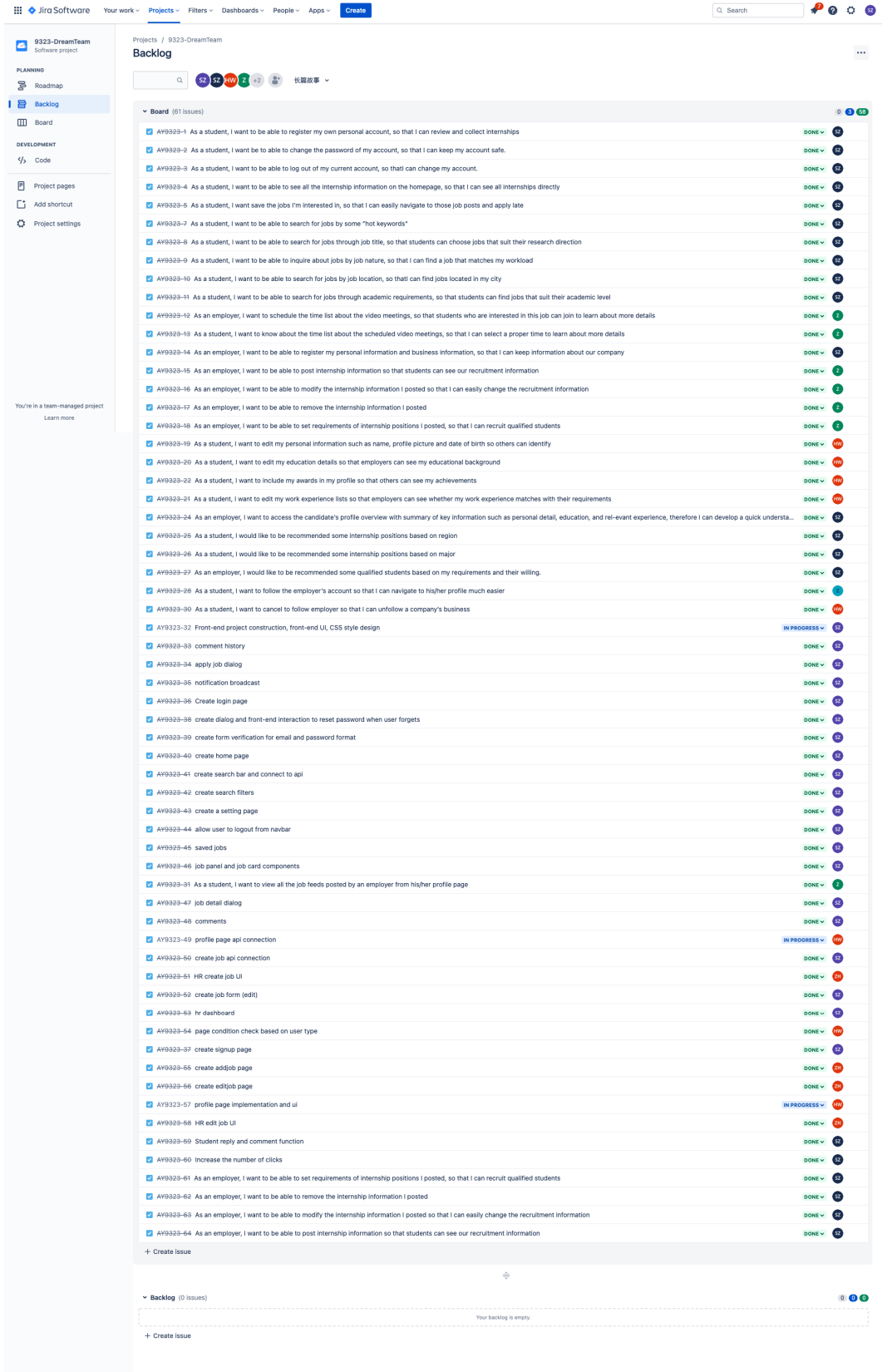


Figure 2: Jira Board