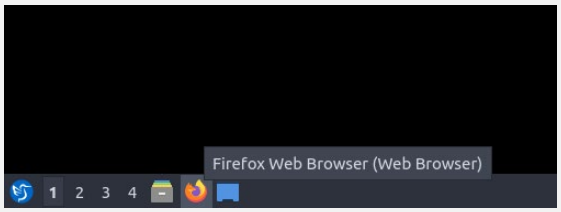
5. Installation of MySpaces Platform

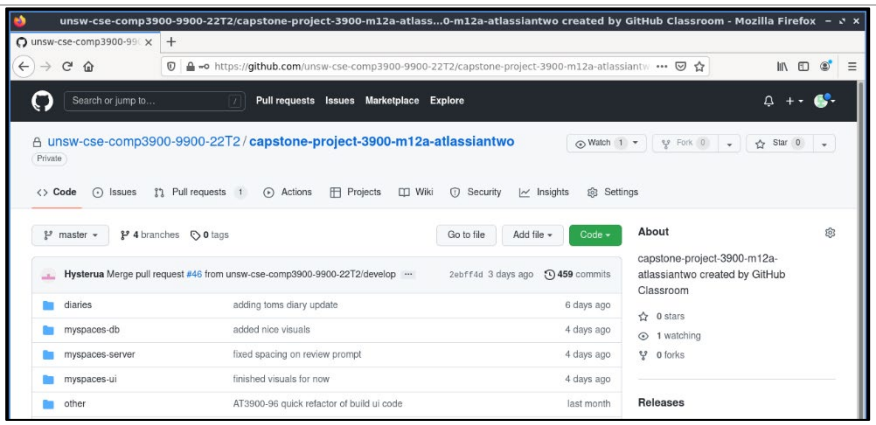
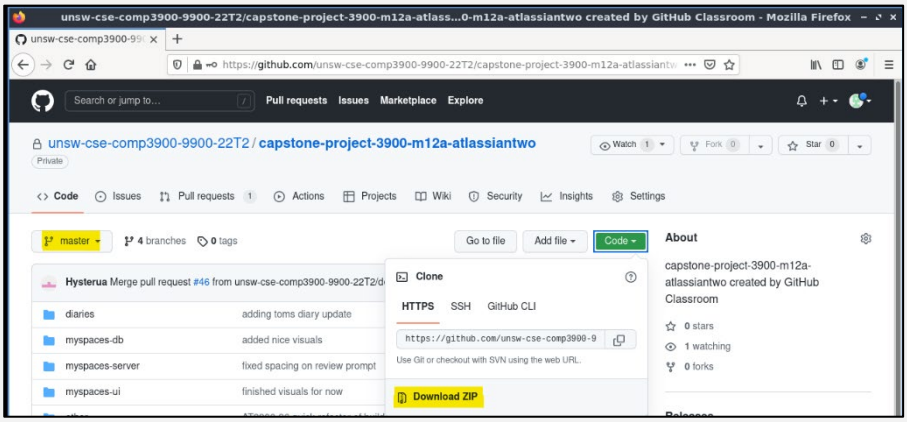
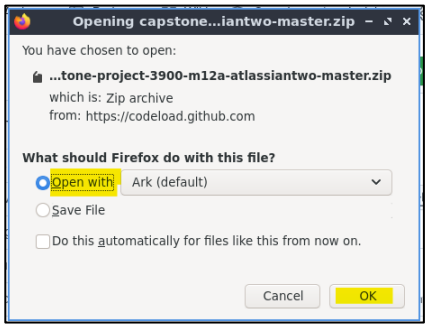
The following guide outlines the setup procedure for an individual wishing to run the MySpaces platform on their own device. The following guide requires users to have access to the project GitHub repository and a basic proficiency navigating a linux environment.

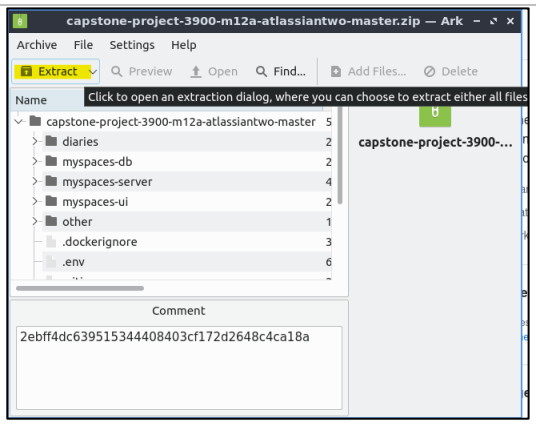
5.1. Installing VirtualBox

Step	Description
1.	Go to https://webcms3.cse.unsw.edu.au/COMP9900/22T2/resources/75958 and follow the corresponding guide to run a new image of Lubuntu on VirtualBox.
2.	When setup is complete, log into the Lubuntu account.

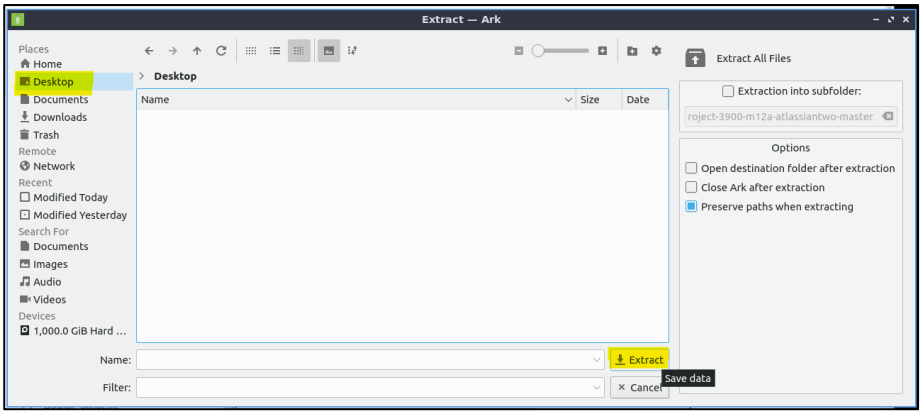
5.2. Downloading Project Repository and Setup Scripts

Step	Description
1.	Open Firefox from the lower-left toolbar. 
2.	Navigate to the project GitHub (https://github.com/unsw-cse-comp3900-9900-22T2/capstone-project-3900-m12a-atlassiantwo).

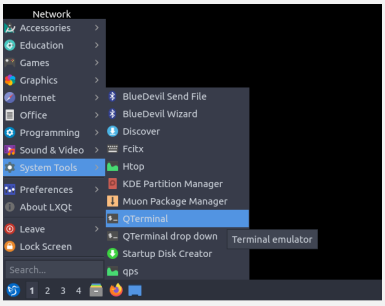
	
3.	Download the project onto the Lubuntu Desktop. Note: You might find downloading the **Master** branch as a ZIP is the easiest approach to avoid needing to setup an HTTP/SSH clone. The following steps will use the ZIP download. 
4.	When download is complete, ensure **Open with Ark (default)** is selected. Press OK.  Press Extract.



Navigate to Desktop and press Extract.

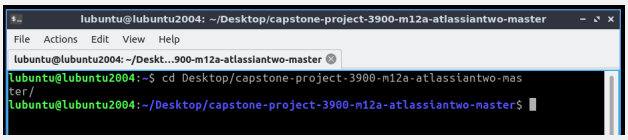


5. Open QTerminal from the Lubuntu start menu in the lower-left corner.



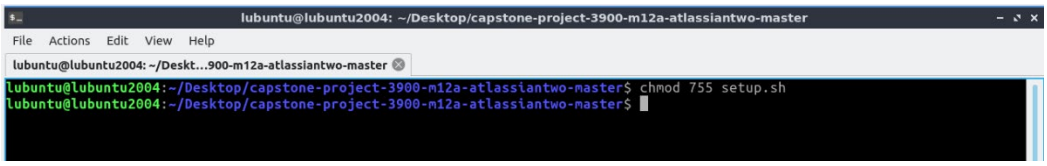
Change into the project directory with:

```
cd Desktop/capstone-project-3900-m12a-atlassiantwo-master/
```

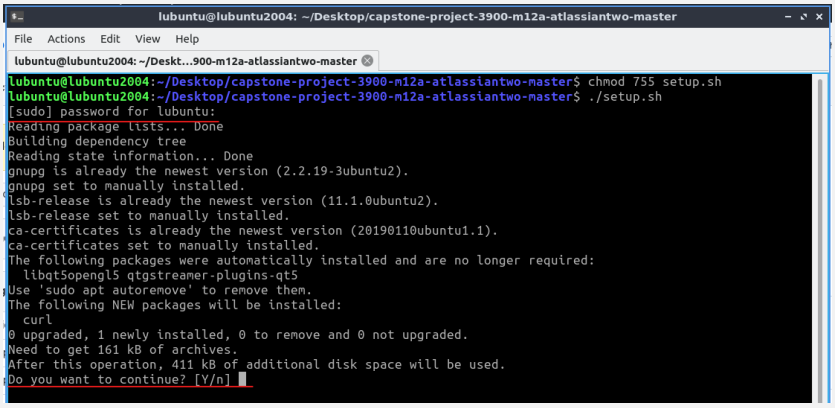
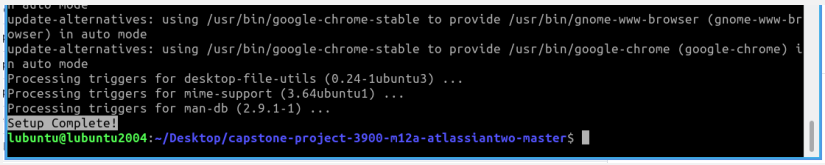


6. Run the following command inside QTerminal to allow the setup script to be executable:

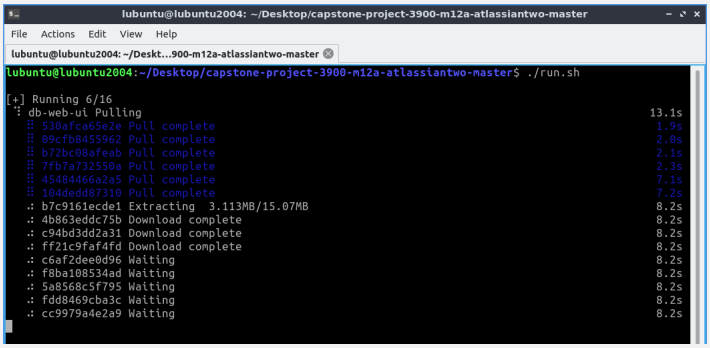
```
chmod 755 setup.sh
```

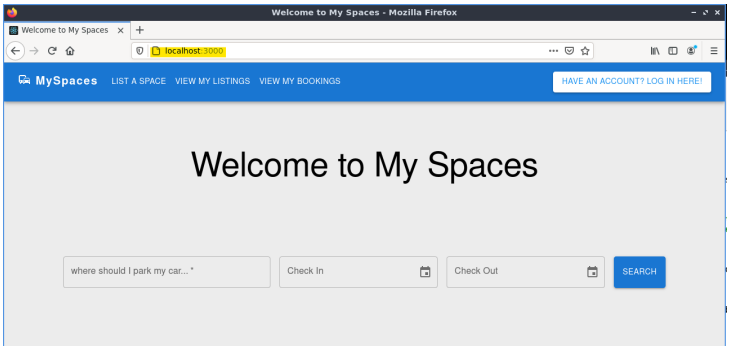


7. Run the following command inside QTerminal to run the setup script:

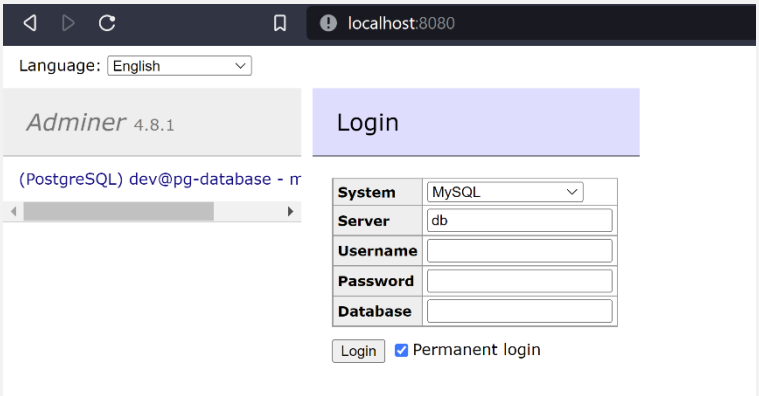
	`./setup.sh` Enter the Lubuntu password. Whenever prompted, type “y” and enter.  It may take a couple minutes to complete. On success you will see “Setup Complete!” printed to the console.  If successful, MySpaces is ready to be started.

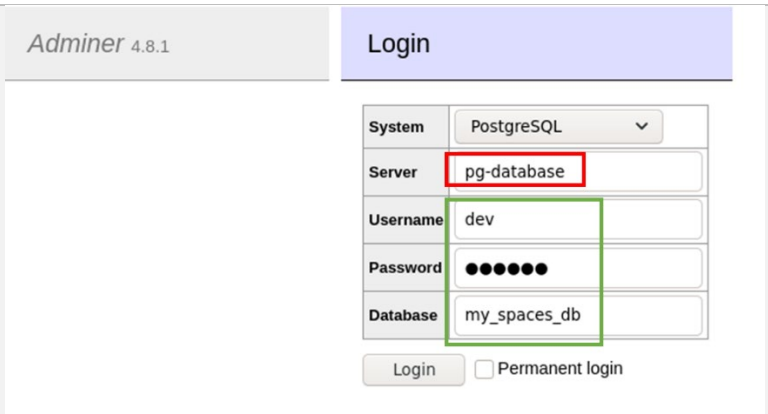
5.3. Starting MySpaces

Step	Description
1.	Running the following command in QTerminal within the Project Directory will start the MySpaces application: `./run.sh` • Note: When MySpaces is run for the very first time via the run script, Docker will need to pull down all required images. This may take several minutes. Once downloaded, future starts will not take as long.  When complete, “MySpaces is now running localhost:3000” will be printed to the terminal.

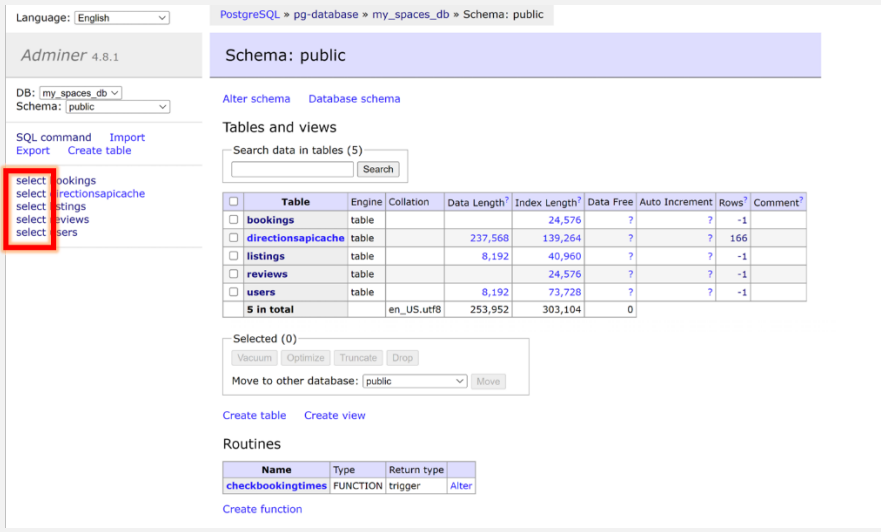
2.	Navigate to localhost:3000 to access the MySpaces platform. • Note: React may take ~30 seconds to fully set up. If the website does not immediately load, try again after a minute. 

5.4. Notable Accounts/Ports

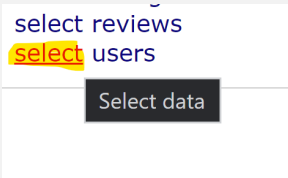
Login	Description
Database GUI	First ensure MySpaces is running. To see a GUI view of the PostgreSQL database, navigate to localhost:8080  Fill in the Login with the following details: • **System:** PostgreSQL • **Server:** pg-database • **Username:** dev • **Password:** dev123 • **Database:** my_spaces_db



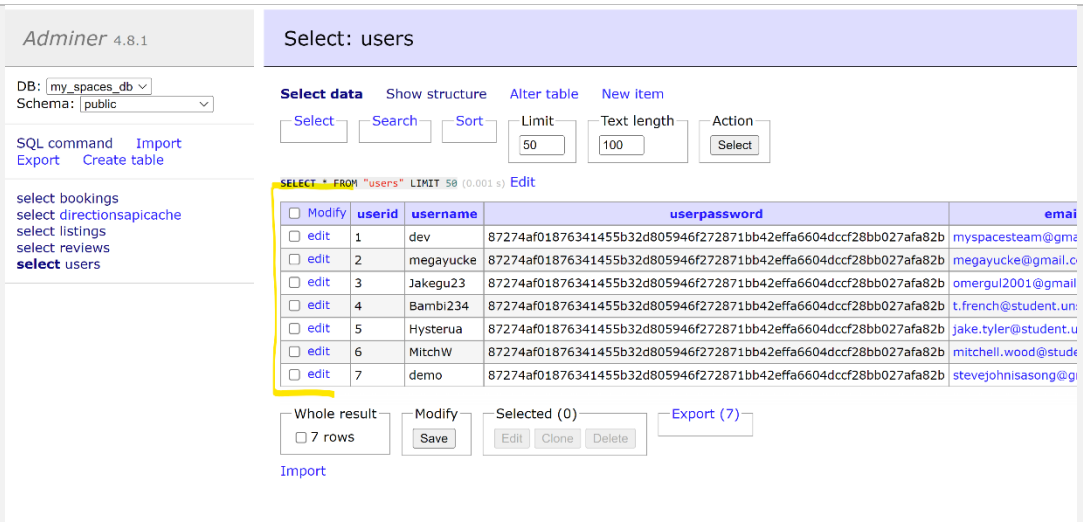
Click login. A successful login will take you to the following GUI:



To see the contents of a given database table, click on the **select** button for the given table in the highlighted red box above. For example, if I wanted to see all users on the MySpaces platform, I would click "**select**" next to user (Click "user" will take you to the table schema).



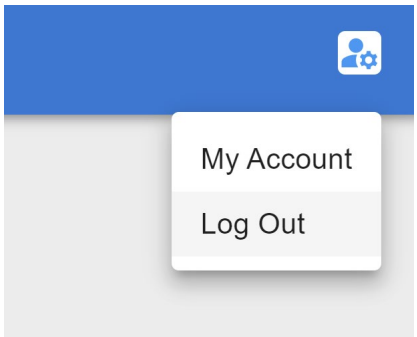
Now I will be able to see all the users in the database in the highlighted table below.

<table>
<tr>
<td></td>
<td>


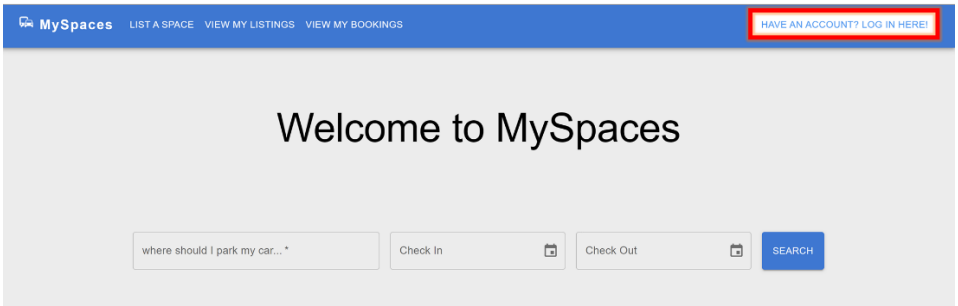
Note: This table is not dynamic, any actions on the frontend (i.e. creating a new account), will require you to click **“select”** again on the corresponding database table.
</td>
</tr>
<tr>
<td>**MySpaces admin account**</td>
<td>
First ensure MySpaces is running.

To see an admin view of the website, navigate to localhost:3000.

Ensure you are logged out by click on the user account icon in the top right corner, and selecting “Log Out”

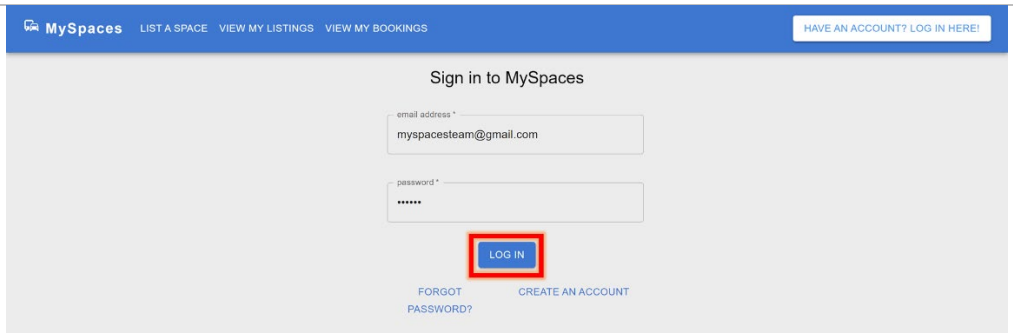


Click “LOG IN HERE!” button in the top right corner of the homepage.

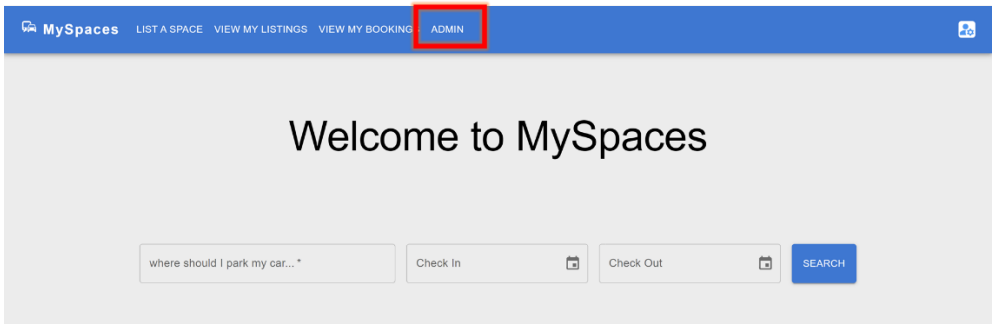


To log in as an admin:

- **Email Address:** myspacesteam@gmail.com
- **Password:** dev123
</td>
</tr>
</table>



Press LOG IN. On success you will be redirected to the homepage. An admin account is distinguishable from other users by having an extra tab in the toolbar.



MySpaces other accounts

If you wish to log into other users accounts replace email with corresponding user's email. All accounts have the same password.

- **Password:** dev123

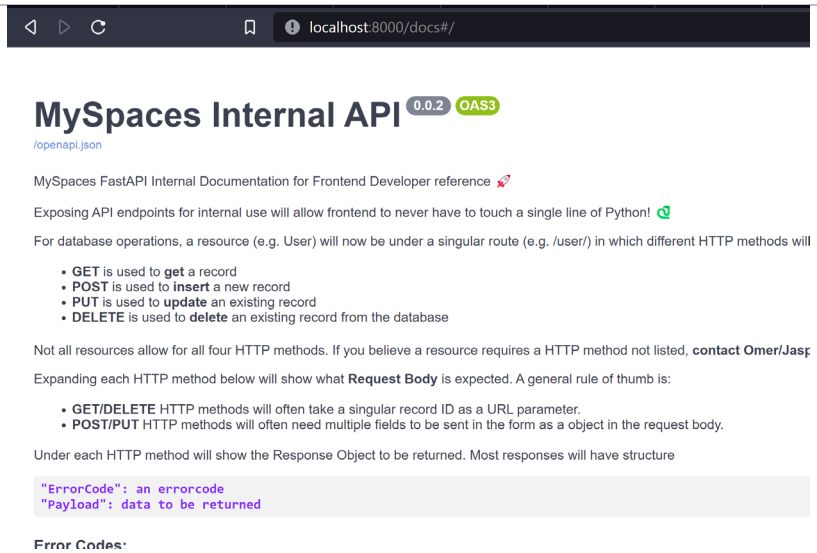
Most users have some corresponding listings.

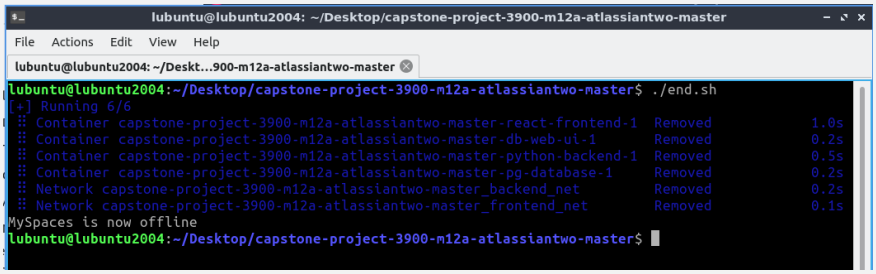
- t.french@student.unsw.edu.au account has some previous bookings which will allow reviews to be left.

username	userpassword	email
dev	87274af01876341455b32d805946f272871bb42effa6604dccf28bb027afa82b	myspacesteam@gmail.com
megayucke	87274af01876341455b32d805946f272871bb42effa6604dccf28bb027afa82b	megayucke@gmail.com
Jakegu23	87274af01876341455b32d805946f272871bb42effa6604dccf28bb027afa82b	omergul2001@gmail.com
Bambi234	87274af01876341455b32d805946f272871bb42effa6604dccf28bb027afa82b	t.french@student.unsw.edu.au
Hysterua	87274af01876341455b32d805946f272871bb42effa6604dccf28bb027afa82b	jake.tyler@student.unsw.edu.au
MitchW	87274af01876341455b32d805946f272871bb42effa6604dccf28bb027afa82b	mitchell.wood@student.unsw.edu.au
demo	87274af01876341455b32d805946f272871bb42effa6604dccf28bb027afa82b	stevejohnisasong@gmail.com

FastAPI Swagger Page

If you wish to see the FastAPI Documentation/Request/Response bodies, navigate to localhost:8000/docs#/



5.5. Stopping MySpaces

Step	Description
1.	Running the following command in QTerminal within the Project Directory will stop the MySpaces application: `./end.sh`