

## Project Sprint Retrospective Notes

Team: FRI – 10:30 - 5

Sprint: 2

Date: 18/09/2020

Attended:

Scrum Master: Shaunak Karuna, Ruchelle Balasuriya

Product Owner: Amir Homayoon Ashrafzadeh

Development team: Amna Alfarah Alonto (s3778713), Julian Bitetto (s3690935), Ruchelle Balasuriya (s3781183), Sebastian Wisidagama (s3769969), Shaunak Karuna (s3782215)

### Sprint Goals

The goals of this sprint were to finish the previous sprint, by ensuring the front-end booking working is integrated with the backend when creating and searching for a new booking. Additionally, we planned to implement the admin function, of adding working rosters. This includes creating the admin dashboard and adding employees.

### Status Overview

The sprint items chosen were tasks that were required to be completed in order to implement the admin functionality. We also completed implementing the past and upcoming bookings for customers to view. There was a total of 21 tasks that we assigned for this sprint, over the 2-week period. Initially when we created the tasks, we did not take into consideration the time needed for setting up axios and integrating the backend with the front end. Therefore, we created new tasks to take this into consideration. Each member was assigned 7 hours each. We allocated less time compared to the first sprint, as we needed to take into consideration mid semester assessments. By the end of the sprint, all the allocated tasks were completed. However, the full admin functionality that needs to be completed for this project, has not implemented yet. This includes deleting employees and making a booking for a customer. These were not included in this sprint's goal. Due to the mid semester break we were provided some extra time to research how we are going to implement the layout, such as the employee's working hours table. The product owner requested that we improve our UI to be more user friendly, by removing some search fields from the booking search.

## Screenshot of CircleCi

majorproject-1-fri-10-30-5 #44	▶ <b>SUCCESS</b>	workflow	<a href="#">registerUser</a> 13866b1 Booking fixes	16h ago	57s	...
majorproject-1-fri-10-30-5 #43	▶ <b>SUCCESS</b>	workflow	<a href="#">registerUser</a> 178e02f Customer Unit Tests	2d ago	3m 2s	...
majorproject-1-fri-10-30-5 #42	▶ <b>SUCCESS</b>	workflow	<a href="#">registerUser</a> 9ccdefa Customer and Employee Tests and updates	2d ago	2m 50s	...
majorproject-1-fri-10-30-5 #41	▶ <b>SUCCESS</b>	workflow	<a href="#">registerUser</a> 900e2a4 Merge branch 'registerUser' of https://github.com/RMIT-SEPT/majorproject-1-fri-10-30-5 into registerUser	3d ago	40s	...
majorproject-1-fri-10-30-5 #40	▶ <b>SUCCESS</b>	workflow	<a href="#">registerUser</a> b8a224 additional unit test	3d ago	25s	...
majorproject-1-fri-10-30-5 #39	▶ <b>SUCCESS</b>	workflow	<a href="#">registerUser</a> a750f9b Updated Employee Tests, Service and Controller	3d ago	45s	...
majorproject-1-fri-10-30-5 #38	▶ <b>SUCCESS</b>	workflow	<a href="#">registerUser</a> 0d44c24 fixed update method test	3d ago	2m 3s	...
majorproject-1-fri-10-30-5 #37	▼ <b>FAILED</b>	workflow	<a href="#">registerUser</a> deef957 added to workinghours testing	4d ago	0s	...
	Failed	build			0s	
majorproject-1-fri-10-30-5 #36	▼ <b>FAILED</b>	workflow	<a href="#">registerUser</a> df25a1d fixes to admin controller and return statements	4d ago	0s	...
	Failed	build			0s	
majorproject-1-fri-10-30-5 #35	▼ <b>FAILED</b>	workflow	<a href="#">registerUser</a> 1d26377 BookingController tests updated, url paths updated and booking model Date/month format fixed	4d ago	0s	...
	Failed	build			0s	
majorproject-1-fri-10-30-5 #34	▼ <b>FAILED</b>	workflow	<a href="#">registerUser</a> 95dc930 admin controller testing added	4d ago	1s	...
	Failed	build			0s	
majorproject-1-fri-10-30-5 #33	▼ <b>FAILED</b>	workflow	<a href="#">registerUser</a> 7a33dfe Employee and Customer controller updates	5d ago	54s	...
	Failed	build			0s	
majorproject-1-fri-10-30-5 #32	▶ <b>SUCCESS</b>	workflow	<a href="#">registerUser</a> de7ea8c Added Employee and Customer	6d ago	33s	...

## Screenshot of AWS Deployment

The screenshot displays the AWS Management Console for an EC2 instance. The instance is named 'i-0bce24af4e372299' and is in the 'running' state. It is located in the 'us-east-1' availability zone. The instance type is 't2.micro'. The public DNS is 'ec2-52-203-27-92.compute-1.amazonaws.com'. The console shows various tabs like Description, Status Checks, Monitoring, and Tags. The Description tab is active, showing details about the instance, including its private DNS, private IPs, and secondary private IPs.

Link for backend: <http://ec2-52-203-27-92.compute-1.amazonaws.com:8080/api/>

The screenshot shows the AWS Amplify Console for an application named 'FrontTest'. The console displays the 'master' branch with a continuous deployment setup. The deployment pipeline shows steps: Provision, Build, Deploy, and Verify. The last deployment was on 9/22/2020 at 8:13:28 PM. The console also shows the 'Connect branch' button and the 'Learn how to get the most out of Amplify Console' link.

Link for frontend: <https://master.d2uoq3l713kklm.amplifyapp.com/dashboard>

# Screenshots for Docker

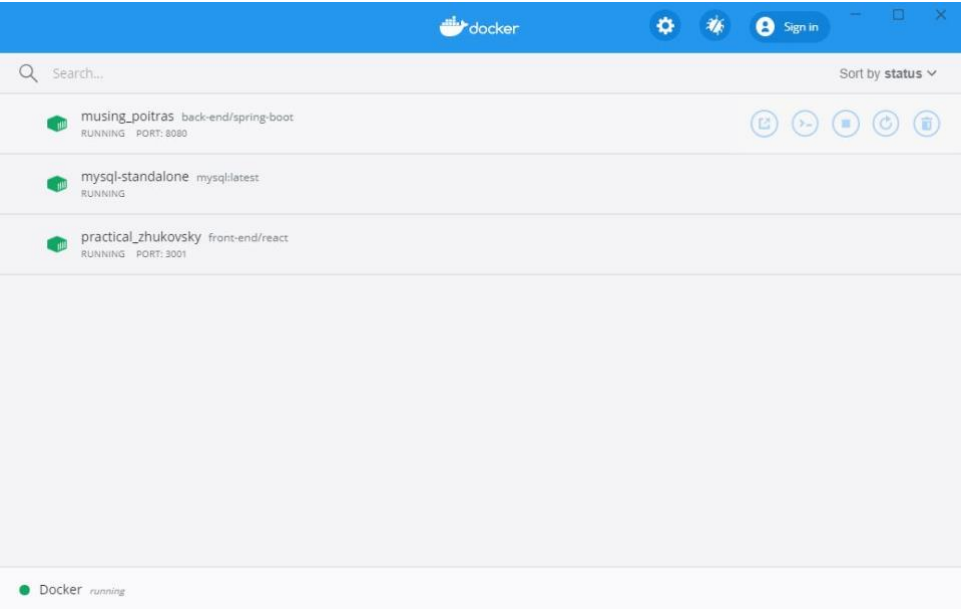
## Docker Container

docker container ls						
CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
899d90ebda4c	back-end/spring-boot	"java -jar spring-bo..."	7 seconds ago	Up 4 seconds	0.0.0.0:8080->8080/tcp	frosty_wu
26db8b949993	front-end/react	"docker-entrypoint.s..."	5 minutes ago	Up 5 minutes	0.0.0.0:3001->3000/tcp	practical_zhukovsky
00e3004f2f10	mysql:latest	"docker-entrypoint.s..."	4 hours ago	Up 4 hours	3306/tcp, 33060/tcp	mysql-standalone

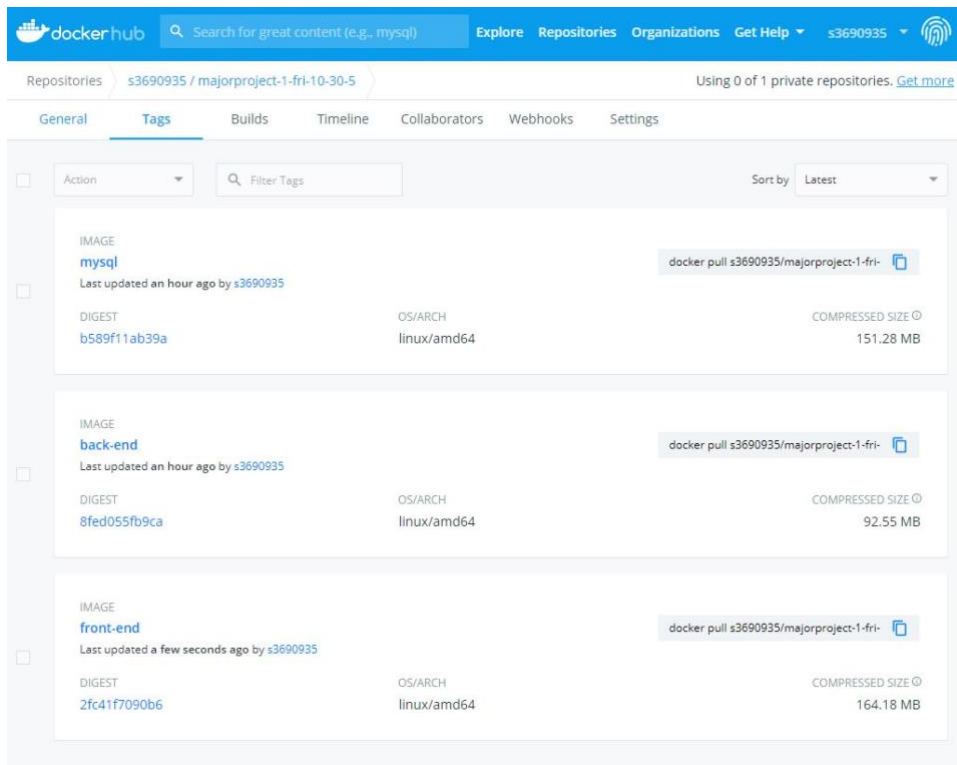
## Docker Image

C:\Users\Julian>docker image ls					
REPOSITORY	TAG	IMAGE ID	CREATED	SIZE	
front-end/react	latest	db7b70c04337	4 minutes ago	519MB	
back-end/spring-boot	latest	56db527f0311	4 hours ago	129MB	
mysql	latest	e1d7dc9731da	12 days ago	544MB	
node	13.12.0-alpine	483343d6c5f5	5 months ago	114MB	
openjdk	8-jre-alpine	f7a292bbb70c	16 months ago	84.9MB	
openjdk	8-jdk-alpine	a3562aa0b991	16 months ago	105MB	
maven	3.5.2-jdk-8-alpine	293423a981a7	2 years ago	116MB	

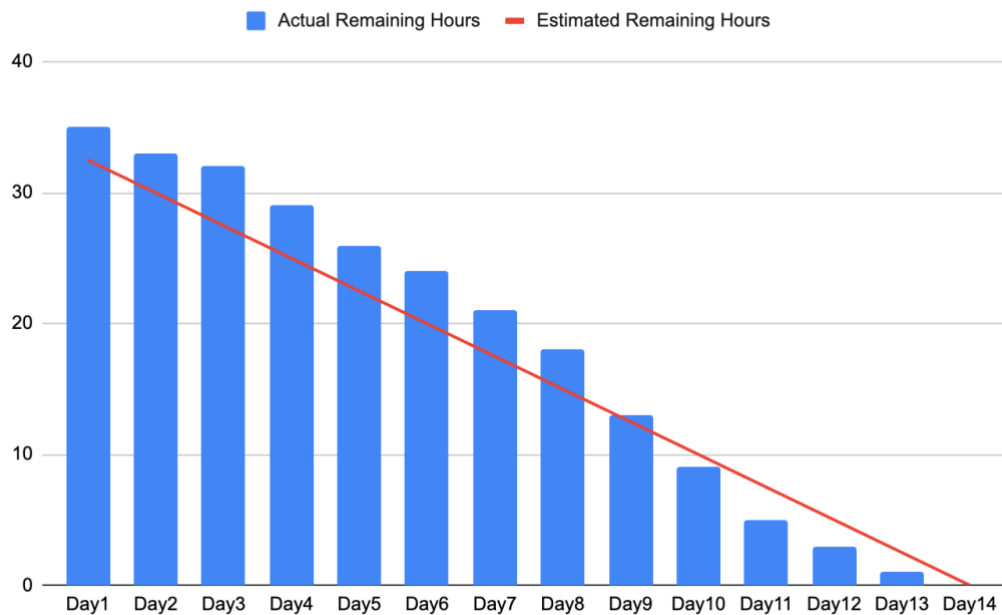
## Local container running



## Repository



## Sprint Statistics



The blue columns represent the actual number of hours that needs to be completed. The red line is the estimated remaining hours, which is the ideal situation. The y-axis is the number of hours, and the x-axis is the day of the sprint.

The group was not able to as many hours as expected during first week of the sprint. This was mainly due to the focus being on mid semester assessments. Therefore, most of the hours were spent during the second week of the sprint.