
Milestone 2

Software Engineering: Process and Tools



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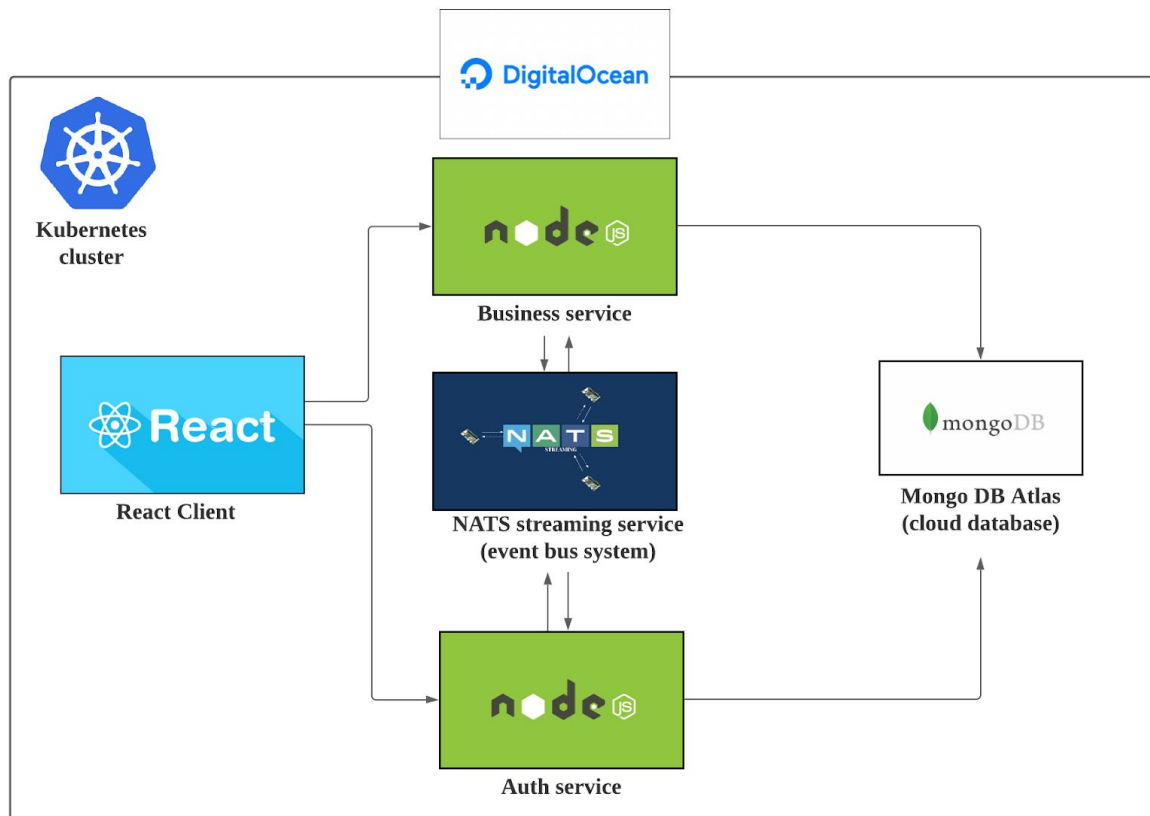
David Brown - s3785994

I declare that in submitting all work for this assessment I have read, understood and agree with the content and expectations of the assessment declaration.

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Design Architecture



Our team is using a **React** single page application for the client service and **Node** express REST API for the Authentication Service and Business Service.

We are using **NATS** streaming server to enable asynchronous communication between microservices and cloud **mongoDB**.

Our application is running in the Kubernetes Cluster provided by **Digital Ocean**. We have chosen Digital Ocean over other cloud service providers as it is the easiest kubernetes cluster to configure, and is the cheapest on the market. Digital Ocean kubernetes cluster ranges from only \$20-30 per month while AWS is over a hundred dollar a month.

Communication Logs

Team: 3.THURS-10-30.3

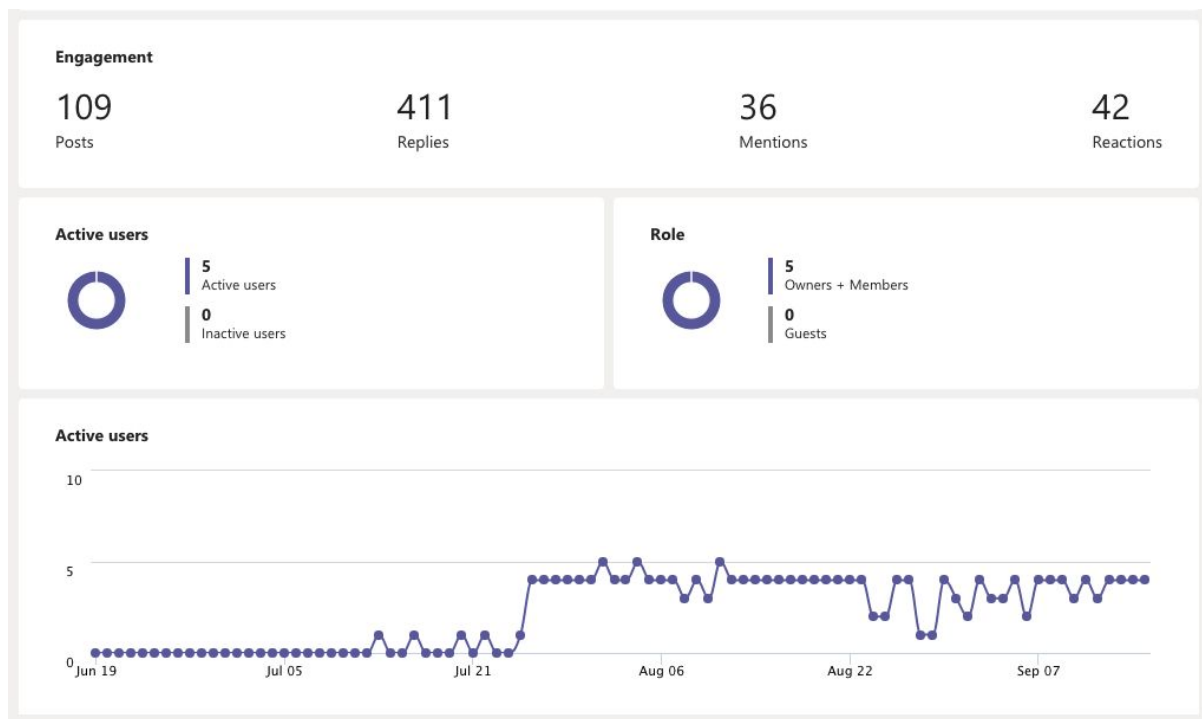
Members:

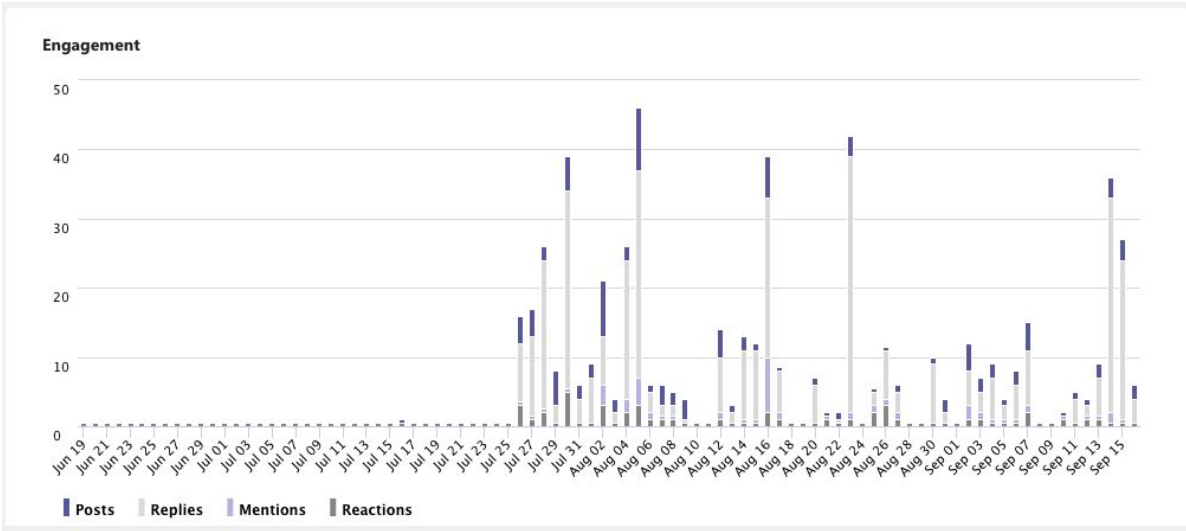
- SangYeon Lee - s3742751
- Mitchell Gust - s3782095
- David Brown - s3785994

Communication Summary:

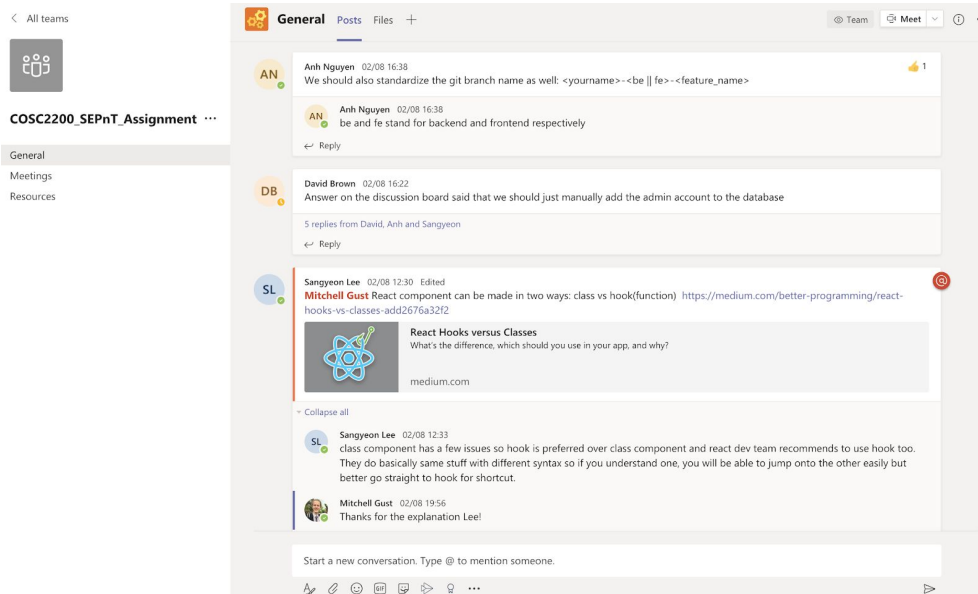
- Meetings (Every Wednesday and Sunday 11:30am) on Microsoft Teams
- General Questions on Microsoft Teams General Chat Channel
- Tutorial (Thursday 10:30am) with Sachin
- Peer Learning Sessions (Planned when Required)

Microsoft Teams Channel Analytics:





Microsoft Teams Screenshot:



Sprint Summary

One of our team members, Anh Nguyen has decided to drop the course during Spring 3. He was working on the backend application with Java Spring.

As none of the remaining members have the ability to continue working on Spring Boot, we came to the conclusion to build the application using Node Express instead.

Therefore, our goal for this Sprint is to implement the functionalities completed in Sprint 1, 2 using this new application.

Team: 3.THURS-10-30.3

Members:


- SangYeon Lee - s3742751
- Mitchell Gust - s3782095
- David Brown - s3785994

User Stories Completed in this Sprint:


- 7. Add Employee User
- 9. Add Working Hours
- 10. Edit working hours
- 24. Edit worker profile
- 26. Create A Business Owner Account
- 27. Create a Business

Front End Pages

Landing Page

 Scheduler


Hi super




Welcome to Scheduler!

The all-in-one Online Scheduling and Appointment Booker for your favourite local businesses.

Use the Search Bar Below to filter through the best in the business.



Super Admin - Create Business

 Scheduler

Create business

Create admin

Hi super

Business name:
RMIT medical hub

Service type:
Medical treatment

Service name: general checkup Service time: 30

Service name: Service time:

Super Admin - Create Admin Account for Business



Create business

Create admin

Hi super

Name:
Kate Small

Email:
medicalhub1@gmail.com

Password:

Address:
185 queen street

Phone:
031 821 9324

Business name:
RMIT medical hub

Admin - Create Worker



Create worker

List of workers

Hi Jamie Lani

Email:
tatto2@gmail.com

Password:

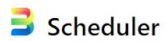
Address:
185 queen street

Phone:
031 821 9421

Shift:
09:00-14:00

Day:
☐ Mon ☒ Tue ☒ Wed ☐ Thu ☐ Fri ☐ Sat ☐ Sun

Admin - View Workers



Create worker

List of workers

Hi Jamie Lani

Name	Email	Shift	Days	
tattoworker2	tattoworker2@gmail.com	09:00-15:00	tue sat sun wed thu	Edit
Selene Kim	tattoo3@gmail.com	09:00-13:00	tue wed thu	Edit

Admin - Edit Worker



Create worker

List of workers

Hi Jamie Lani

Name:

Selene Kim

Address:

11 Muriel road

Phone:

031 258 3924

Shift:

09:00-13:00

Day:

☐ Mon ☒ Tue ☒ Wed ☒ Thu ☐ Fri ☐ Sat ☐ Sun

Submit

Links to Resources

Click Label to View Resource

[**Deployed Application**](#)

[**Private Trello**](#)

[**Google Drive**](#)

[**Github**](#)

[**MS Teams**](#)

[**Postman Published Documentation**](#)