

# Software Engineering Process and Tools

*Semester 2 2020 -Milestone2*

Group: Lab-Wed-6.30-Group5

Members:

Neil Kennedy

Moditha Sulakshana

Michael Anning

Boyan Yao

NEW-Luke Magnusson(No contribution yet)

## Task Contribution

### Neil Kennedy

**Scrum Master(shared with Modi)**

**Git repository maintainer, pull request approval**

Adding documentation to git hub for back end

Adding Circle Ci back end jobs in config.yaml

Added docker files(FrontEnd and BackEnd) and docker compose yaml

Setup AWS ECR and pushed docker files to it

**Code(back end)**

-Add login Session using spring session

- View Employees(admin) endpoint
- Update user details endpoint
- Remove user endpoint
- Add work schedule endpoint
- Remove work schedule endpoint
- Add hashing to passwords
- Change service to have a default length
- Change service to allow custom time length
- Add redirect after login based on user type
- Create booking response object
- Add MySQL integration on back end for replacing H2
- Added logout endpoint and logout success handler
- Added User controller testing
- Added Schedule controller testing

**Milestone 2 Contribution Percentage: 30**

## **Moditha Sulakshana**

**Scrum Master(shared with Neil)**

**Noting down the group meetings.**

**Code(front end)**

- Implement Login and session cookies on the front end
- Implement Booking page UI
- Implement Logout in the front-end.
- Implement Booking page API which allows to create bookings
- Implement Booking page to return employee and services for user to pick
- Create functions in the front-end to make UTC date & time from the date-time pickers.
- Implement Active booking page UI
- Implement Active booking page API to return all the bookings in card format
- Implement Booking status on each card (Pending/Rejected/Active)
- Implement Pastbooking API
- Implement Pastbooking page UI and card format
- Fix Admin dashboard UI and errors.
- Add admin approve bookings page UI
- Implement admin approve/reject booking function and API
- Added CORS implementation on the backend
- Edit redirect on the backend to return response messages.
- Add front-end redirects to display dashboards according to userType.
- Add front-end UI component testing

**Milestone 2 Contribution Percentage: 35**

# Boyan Yao

- implement Employee dashboard with service list page
- implement Admin dashboard with pending services page, employee list page and pas booking page
- Front End unit testing

**Milestone 1 Contribution Percentage: 15**

# Michael Anning

## Code(back end)

- Added unit testing for Service Controller.
- Added unit testing for Booking Controller.
- Approve backend endpoint.
- Deny backend endpoint.
- Ensured employee's schedules were checked to determine if bookings at certain times can be created.
- Changed booking approval status to 3 state enum: Pending, Approved, Denied.
- Get upcoming/completed/approved/unapproved/all booking endpoints.
- Fixed various bugs related to booking functionality.
- Refactored UserType code & made it slightly more reusable.

**Milestone 2 Contribution Percentage: 20**

- Github repository : <https://github.com/RMIT-SEPT/majorproject-wed-18-30-5.git>
- ClickUp Workspace : <https://app.clickup.com/6915699/home/landing>
- Communications using: MS teams (team: Lab-Wed-6:30-Group5)
- CircleCI: <https://app.circleci.com/pipelines/github/RMIT-SEPT/majorproject-wed-18-30-5>

Last working(before credits ran out)

The screenshot displays a CircleCI pipeline run for the repository 'majorproject-wed-18-30-5' (job #29). The pipeline is in a 'Success' state, indicated by a green checkmark. The build step, 'build-then-test', is also successful. The pipeline is running on the 'development' branch, with commit '8c55062' (uncommenting front end). The pipeline was triggered 3 days ago and has been running for 3 minutes and 12 seconds. The build step completed 1 minute and 29 seconds ago, and the test step completed 1 minute and 31 seconds ago. The test step shows two successful test runs: 'Success' and 'BackTest'.

Latest(credits ran out)

The screenshot shows the GitHub Pipelines interface for the RMIT-SEPT organization. The left sidebar contains navigation links: Pipelines (selected), Projects, Organization Settings, and Plan. The main area displays a table of pipelines. The first pipeline, 'majorproject-wed-18-30-5 #66', is in a 'Failed' state. Below the pipeline name, there are three status indicators: a red circle with an exclamation mark labeled 'Failed', and two grey circles with three dots labeled 'Blocked'. To the right of these, the workflow 'build-then-test' is listed, which includes steps 'BackBuild', 'BackTest', and 'FrontTest'. The pipeline is associated with the 'development' branch and commit 'a5053a1', which is a merge pull request #81 from RMIT-SEPT/Docker. The pipeline started 33 minutes ago.

| PIPELINE                     | STATUS | WORKFLOW        | BRANCH / COMMIT   | START   |
|------------------------------|--------|-----------------|---|---------|
| majorproject-wed-18-30-5 #66 | Failed | build-then-test | development<br>a5053a1 Merge pull request #81 from RMIT-SEPT/Docker | 33m ago |

- AWS(s3561388@student.rmit.edu.au): don't know how to effectively share this...

Docker files created and pushed to AWS ECR.

The screenshot shows the AWS ECR (Elastic Container Registry) Repositories page. The left sidebar lists services: Amazon ECS (Clusters, Task definitions), Amazon EKS (Clusters), and Amazon ECR (Repositories, selected). The main area displays a table of repositories. There are two repositories: 'backend-app' and 'frontend-app'. Both have a URI of '386724395914.dkr.ecr.us-east-1.amazonaws.com/...' and were created on 09/22/20 at 12:01:41 PM and 12:02:03 PM respectively. Both have 'Tag immutability' set to 'Disabled', 'Scan on push' set to 'Disabled', and 'Encryption type' set to 'AES-256'.

| Repository name | URI   | Created at            | Tag immutability | Scan on push | Encryption type |
|-----------------|---|-----------------------|------------------|--------------|-----------------|
| backend-app     | 386724395914.dkr.ecr.us-east-1.amazonaws.com/backend-app  | 09/22/20, 12:01:41 PM | Disabled         | Disabled     | AES-256         |
| frontend-app    | 386724395914.dkr.ecr.us-east-1.amazonaws.com/frontend-app | 09/22/20, 12:02:03 PM | Disabled         | Disabled     | AES-256         |

Meeting Minutes are in Github under: **docs/Meeting minutes**

Sprint plannings are in Github under: **docs/Sprint Planning**

Sprint retros are in Github under: **docs/Sprint Retro**

User Stories and Acceptance tests in Github under: **docs/User Stories**