Software Engineering Process and Tools

Semester 2 2020 -Milestone3

Group: Lab-Wed-6.30-Group5

Members:

Neil Kennedy

Moditha Sulakshana

Michael Anning

Boyan Yao

Task Contribution

Neil Kennedy

Scrum Master(shared with Modi)

Git repository maintainer, pull request approval

Fixing AWS cookie security
Changing AWS deployment type
      -Was a single cluster and service with all containers within
      -Now consists of single cluster with three services and three load balancers
Adding AWS static IP Load balancers
Adjusted circleCI so that builds only happen on master submissions
Wrote report file, added each individual users report info.
Wrote readme for application deployment
Created slide for presentation on spring session

Code(back end)
- Adjusting testing data for presentation purposes
- Adding cookie serialiser to help with SameSite security issues
- Adding "Access-Control-Allow-Origin" header adjustments for AWS ip address
- Adjusting cors mapping for AWS ip address
- Adjusting application.properties for AWS ip address

Code(front end)
- Adjusting Front end to handle AWS ip address

Milestone 2 Contribution Percentage: 30

Moditha Sulakshana

Scrum Master(shared with Neil)

Code(front end)
- Implement About Us Page
- Implement Contact Us Page
- Update Signup page and fix errors from Sprint 2
- Implement Cancel Bookings for Customers and API
- Add Duration to services in the booking page
- Block out timeslots that have been booked by customers in the booking page
- Have formatdate Utils to convert all time into UTC.
- Fix calender to contain max date so bookings can only be made for 7 days ahead.
- Create admins pastbookings to display all bookings for 7 days in the past.
- Create employee list/table for admin dashboard
- Implement Admins to add a schedule to an employee for the next month.
- Create Modal alert boxes when admins succesfully add schedules.
- Implement Employee login and dashboard
- Implement Employee MySchedule where employees are able to view their schedule for the next month
- Fix Employee bookings page to retrieve bookings from API and display.

Milestone 2 Contribution Percentage: 33

Boyan Yao

Milestone 1 Contribution Percentage: 17

Michael Anning

Code(back end)
- Wrote Booking_Controller tests/provided test data for them.
- Fixed old tests that no longer worked.
- Enforced booking retrieval limits (can only return bookings either due in 7 days or completed less than 7 days ago).
- Bookings returned are now sorted when they are chronologically set to occur.
- Assisted in fixing booking retrieval issues on the front end.

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
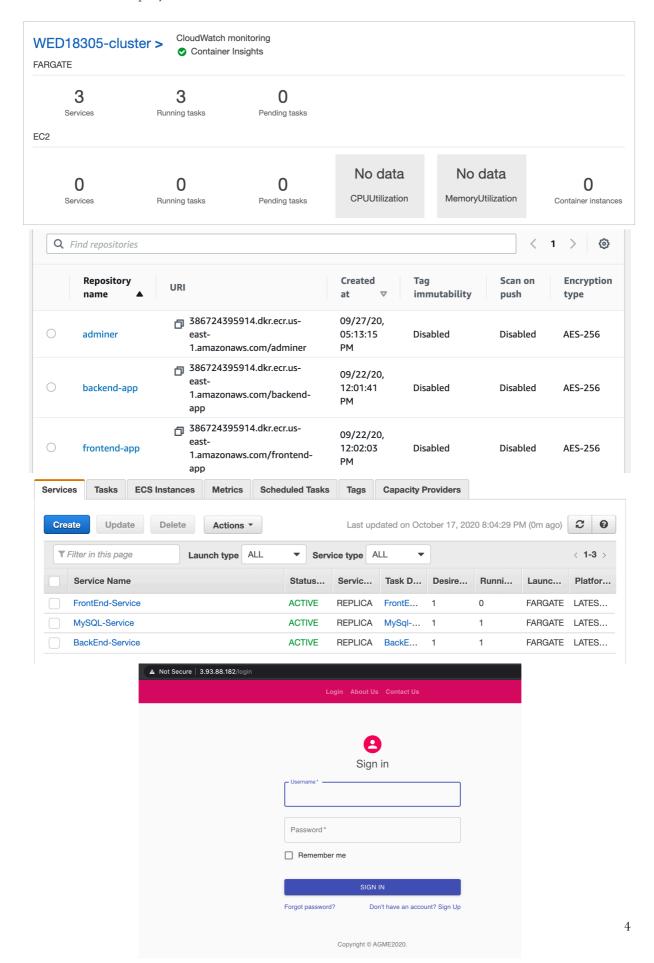
Latest

majorproject-wed-18-30-5 #157	⬇	⊘ Failed	build-then-test	⊞	master d6bf5ad Merge pull request #105 from RMIT-SEPT/development	1h ago	30m 43s	↻
	✓ Success		⦿ BackBuild				1m 7s	
	⊘ Failed		⦿ BackTest				1m 20s	
	✓ Success		⦿ FrontTest				50s	

```
[ERROR] Failures:
[ERROR]   Booking_ControllerTests.approveBooking:206 Status expected:<202> but was:<400>
[ERROR]   Booking_ControllerTests.cancelBooking:494 Status expected:<202> but was:<400>
[ERROR]   Booking_ControllerTests.completeBooking:398 Status expected:<202> but was:<400>
[ERROR]   Booking_ControllerTests.denyBooking:302 Status expected:<202> but was:<400>
[ERROR]   Booking_ControllerTests.getAllBookings:584 Status expected:<200> but was:<400>
[ERROR]   Booking_ControllerTests.getUserBookings_Customer:639 Status expected:<200> but was:<400>
[ERROR]   Booking_ControllerTests.getUserBookings_Employee:657 Status expected:<200> but was:<400>
[ERROR]   Service_ControllerTests.getServices_CustomerAttempt:250 Status expected:<403> but was:<200>
[ERROR]   Service_ControllerTests.postService:184 Status expected:<201> but was:<400>
[ERROR] Errors:
[ERROR]   Booking_ControllerTests.cancelNonExistantBooking:518 » NestedServlet Request p...
[ERROR]   Booking_ControllerTests.getAllUpcomingBookings:692 » NestedServlet Request pro...
[ERROR]   Booking_ControllerTests.getUpcomingCustomersBookings:729 » NestedServlet Reque...
[INFO]
[ERROR] Tests run: 87, Failures: 9, Errors: 3, Skipped: 0
[INFO]
[INFO] ------------------------------------------------------------------------
[INFO] BUILD FAILURE
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  48.027 s
[INFO] Finished at: 2020-10-18T05:58:32Z
[INFO] ------------------------------------------------------------------------
```

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

Photos of aws deployment

WED18305-cluster >

FARGATE

CloudWatch monitoring
✅ Container Insights

3	3	0
Services	Running tasks	Pending tasks

EC2

0	0	0	No data	No data	0
Services	Running tasks	Pending tasks	CPUUtilization	MemoryUtilization	Container instances

Repository name ▲	URI	Created at ▽	Tag immutability	Scan on push	Encryption type
○ adminer	386724395914.dkr.ecr.us-east-1.amazonaws.com/adminer	09/27/20, 05:13:15 PM	Disabled	Disabled	AES-256
○ 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

Services | Tasks | ECS Instances | Metrics | Scheduled Tasks | Tags | Capacity Providers

Create | Update | Delete | Actions ▾   Last updated on October 17, 2020 8:04:29 PM (0m ago)

	Service Name	Status…	Servic…	Task D…	Desire…	Runni…	Launc…	Platfor…
☐	FrontEnd-Service	ACTIVE	REPLICA	FrontE…	1	0	FARGATE	LATES…
☐	MySQL-Service	ACTIVE	REPLICA	MySql-…	1	1	FARGATE	LATES…
☐	BackEnd-Service	ACTIVE	REPLICA	BackE…	1	1	FARGATE	LATES…

⚠ Not Secure | 3.93.88.182/login

Login   About Us   Contact Us

👤

Sign in

Username *

Password *

☐ Remember me

SIGN IN

Forgot password?   Don't have an account? Sign Up

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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**