

## SCRUM DOCUMENTATION – CA03 WEBSITE

### (APPLICATION DEVELOPMENT STUDIO)

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## Week 12

### Team's Backlogs

- Set up CA3 and CA4 website platform and backend-tester (clone GitHub to VSC, run the necessary npm codes, connect elephantSQL)
- Read up CA3 and CA4 website requirements
- Recap on frontend web development

### Weekly logging

	What have you done this week?	What are you going to do next week?	Anything blocking you?
Keertikaa Manogarann	Accepted CA3 and CA4 website assignment + briefly read up on the CA3 and CA4 website requirements	Recap on frontend web development + Start on CA3 website (frontend)	No
Lim Pei Xian	Read up on the CA3 and CA4 website requirements + Recapped on frontend web development	Accept CA3 and CA4 website assignment + Start on CA4 FED1 + Start on CA3 website (frontend)	No
Yap Zong Xin	Accepted CA3 and CA4 website assignment + Recapped on frontend web development	Read up on CA3 and CA4 website requirements + Start on CA3 website (backend)	No

## Week 13

### Team's Backlogs

- Start working on frontend and backend of CA3 website
- Ensure that the main features are created first (frontend)
- Ensure that the backend can be connected to the frontend (backend)

### Weekly logging

	What have you done this week?	What are you going to do next week?	Anything blocking you?
Keertikaa Manogarann	Recapped on frontend web development + Started on CA3 website frontend (created form inputs, buttons, dropdown)	Add frontend input validation + Fix frontend position error	The position of the form cards is still not in order when multiple forms are added despite multiple attempts
Lim Pei Xian	Accepted CA3 and CA4 website assignment + Made progress in CA3 FED1 homework (hardcoding the pixels in html) + Added styling in CA3 frontend, added inactive checkbox for the queues and included bootstrap)	Finish CA4 FED1 homework (left navigation keys) + Start on CA4 FED2 homework + Find a restaurant theme for CA3 website	No
Yap Zong Xin	Read up on CA3 and CA4 website requirements + Started on the backend of the CA3 website (link the backend with the frontend, display the correct existing queues on the dropdown input)	Start to explore and learn the available/suitable graphs for CA3 website such as CanvasJS, ChartJS, D3 + Attempt to connect the arrival time rate with the chart + Display inactive queues in dropdown	No

## Week 14

### Team's Backlogs

- Try to resolve the errors that was blocking us previously
- Start to create and generate values for the chart (backend)
- Finalize and complete frontend in HTML (frontend)
- Company id with no queues should produce a special message.

### Weekly logging

	What have you done this week?	What are you going to do next week?	Anything blocking you?
Keertikaa Manogarann	Added frontend input validation + Tried fixing form position	Continue to work on solving the position issue + Add loading icon when submit button is pressed	Unable to resolve the position issue when multiple forms are added yet
Lim Pei Xian	Completed CA4 FED1 + Started on CA4 FED2 + Found a suitable restaurant theme that suits our CA3 (Pu Tien) + Added close button	Finish up CA4 FED2 + Style the chart after it is being created temporarily	No
Yap Zong Xin	Started learning how to implement D3 chart and added mock data temporarily + Manage to display inactive queues in dropdown	Add in a counter to the form to identify and distinguished each form uniquely + Connect arrival rate into graph	Unable to display graph when multiple forms are added + Might change chart as D3 is quite advance to learn in a short period of time

## Week 15 (Mock Presentation Week - Tuesday)

### Team's Backlogs

- Try to resolve the errors that was blocking us previously
- Make the chart work by connecting the arrival rate to the chart (peak seen)
- Include frontend features needed such as loading icon and validation
- Graph shows data of past 3 minute
- Graph reloads every 3 seconds

### Weekly logging

	What have you done this week?	What are you going to do next week?	Anything blocking you?
Keertikaa Manogarann	Solved the position issue when multiple forms are added + Added loading icon after submit button is pressed	Add loading icon upon chart refresh + Add validation to the JS file instead	No
Lim Pei Xian	Made progress in CA4 FED2 + Temporary style the new chart + Managed to distinguish inactive queue with the text "(inactive)"	Finish up CA4 FED2 + Start on CA4 FED3 + Style CA3 to the theme chosen previously	No
Yap Zong Xin	Changed the chart to ChartJS + Managed to connect the arrival rate successfully (peak is seen) + Added counter in the form so that it can uniquely identifies each form uniquely	Fix the irregular peak problem + Add other features (validation) + Close the connection to the chart when new queue is selected or when the close button is pressed	Unable to execute the single-peak/double-peak/sustained-peak well due to some errors in accurately retrieving the arrival rates from the backend + Chart will overlap upon selection of different queue/submit

## Week 16 (Completed CA3 Website)

### Team's Backlogs

- Try to resolve the errors that was blocking us previously
- Clean the codes
- Make the chart work accurately
- Complete frontend and backend
- Loading animation is played while waiting for response from ba
- Graph generates single-peak input correctly
- Graph generates double-peak input correctly
- Graph generates sustained-peak input correctly
- Company id with no queues should produce a special message.

### Weekly logging

	What have you done this week?	What are you going to do next week?	Anything blocking you?
Keertikaa Manogarann	Added loading icon upon chart refresh + Added validation to the JS file	Nil	No
Lim Pei Xian	Completed CA4 FED2 + Started on CA4 FED3 + Styled CA3 to the theme selected (Pu Tien)	Nil	No
Yap Zong Xin	Uses MomentJS to fix the irregular peak problem/0 count problem + Managed to close the connection queue is selected or when the close button is pressed	Nil	No