

WhenToMeet

Project Charter

Team 17

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Design Inspection

Defect #	Description	Severity	How Corrected
1	The location is missing from the meeting details on the meeting page	Important	Display the meeting location on the meeting page
2	The time table stretches all the way to the bottom of the screen	Workaround	Decrease the font sizes of the row text so that the time table is about 50% of the height of the screen
3	Percentage in tooltip has too many decimal places	Workaround	Use floor to round down the percentage to an integer value
4	Typo on home page button text	Workaround	Fix typo

Code Inspection

Defect #	Description	Severity	How Corrected
1	The frontend directory has both a package-lock.json and a yarn.lock file, which can result in discrepancies in dependencies	Important	Delete the package-lock.json and only use yarn to install files
2	Several files have unnecessary imports	Workaround	Delete unused imports
3	It is unclear what props a react component needs without looking at the code for that component	Workaround	Use prop-types to define props of react components

4	It is unclear what properties a javascript object has	Workaround	Use typescript to give variables types and describe objects
5.	React function components have no access to state	Critical	Use new react hooks to be able to use state.
6	Base URL for the RESTful APIs are declared in every function	Workaround	Use environment variables to retrieve the Base URL
7	Storing member objects in another collection in the NoSQL DB	Important	Instead of using JOIN queries, we decided to add the members[] inside the meeting object.

Unit Testing

Module: Home Page

Defect #	Description	Input	Output	Severity	How Corrected
1	Meeting Button on the homepage does not launch the meeting page	Click the 'Start Planning' button on the homepage.	Actual: Button click doesn't do anything. Expected: Button click to should launch the meeting page.	Important	Enabling routing using the React Router.

Module: Meeting Creation Form

Defect #	Description	Input	Output	Severity	How Corrected
1	Create meeting button does not go to the meeting page	Click the 'Create meeting' button on the create meeting page	Actual: Button click submits the form but shows the form again. Expected: Button click should go to the meeting page	Critical	Enabling routing using the React Router
2	Create meeting submits even if the form is not filled out	Click the 'Create meeting' button on the	Actual: Button click submits the form Expected: Form should notify user to	Critical	Added required tag to the TextField elements in the

		create meeting page without filling out any of the form	fill in the fields		components
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Module: Polling

Defect #	Description	Input	Output	Severity	How Corrected
1	Vote count increases by 1 on clicking an answer	Click several answers and observe the vote count	Actual: Vote count for all the answers increase Expected: Vote count for the most recent answer should increase.	Important	Add a decrement function that reduces the vote count by 1 if another answer is selected after it.
2	Adding more than 10 answers to a poll	On the polling page, add more than 10 answers	Actual: The current functionality lets you add answers without limit. Expected: At most 10 answers to a poll allowed in total.	Workaround	Stop adding more answers and display an error if the size of answers array is > 10.

Module: POST meeting

Defect #	Description	Input	Output	Severity	How Corrected
1	Create an entry for meeting object in DynamoDB	POST meeting object for the RESTful API	ActualOutput: Received a 200 HTTP status code ExpectedOutput: Receive a 201 HTTP status code indicating that the resource has been	Workaround	Changed the logic of the lambda function for POST request to send a 201 status code

			created.		
2	Not sending required field "meeting_id" in the meeting object	POST meeting object for the RESTful API without containing the required field "meeting_id"	ActualOutput: Received a 200 HTTP status code. ExpectedOutput: Receive a 400 (Bad Input) HTTP code indicating the input is wrong by the client and no entry is created in the DB	Important	The server-side code for the lambda function was updated to contain if(meeting_id) { } else {response.s end(400)}

Module: GET meeting

Defect #	Description	Input	Output	Severity	How Corrected
1	Retrieve the meeting object by passing the meeting_id = null in query parameters	GET meeting object by passing null "meeting_id" in query	ActualOutput: Received a 200 HTTP status and an empty {} object ExpectedOutput: Receive a 400 (Bad Request) status code indicating that the input by user is wrong.	Important	Changed the logic of lambda function to check if the "meeting_id" is defined
2	Retrieve the meeting object by passing "meeting_id" which doesn't exist	GET meeting object by passing "meeting_id" in query params which doesn't exist	ActualOutput: Received a 200 HTTP status and an empty {} object ExpectedOutput: Receive a 404 (Not found) HTTP status code indicating that the object doesn't exist	Important	After making the query to the DB, added checks to see if the query throws an error. If yes, send a 404 status code.

Module: Meeting Page

Defect #	Description	Input	Output	Severity	How Corrected
1	User can enter an empty name	When prompted to enter a name, click enter without entering a name	Actual: The empty name is accepted Expected: The user can't proceed when they haven't input a name	Critical	Only let the user proceed if the name != ''
2	User can skip name prompt by clicking outside dialog box	When prompted to enter a name, click outside the dialog box	Actual: The dialog box goes away Expected: The dialog box should stay	Critical	Add "disableBackdropClick" prop to Dialog

Module: Personal Time Table

Defect #	Description	Input	Output	Severity	How Corrected
1	Can't click and drag to select times	Click and drag the mouse over cells in the time table	Actual: None of the cells are highlighted Expected: All of the cells the user dragged over are selected	Critical	Add an onMouseEnter call to cell component to check if the mouse enters while clicking
2	When clicking and dragging, the box the user starts in is not selected	Click and drag the mouse over cells in the time table	Actual: The cells the user drags over are selected, except the cell they start in Expected: All of the cells the user dragged over are selected	Critical	Use onMouseDown instead of onClick

Module: Group Time Table

Defect #	Description	Input	Output	Severity	How Corrected
1	Tooltip doesn't display when hovering over table cell	Hover mouse over cell on table	Actual: No tooltip appears Expected: A tooltip with information about the cell should appear	Critical	Wrap the table cell component with the tooltip component instead of nesting the tooltip inside the cell
2	A time can't be selected twice if the user presses "cancel"	Click on a time on the time table. Press cancel. Click on the same time again	Actual: No dialog prompt appears the second time. Expected: A dialog box asking a user to confirm should appear both times	Important	Move where the dialog box was on the dom tree and the state that handles showing it to a higher component