

## Test Cases

User Story ID: MW-34 (Login page - mobile app)

Test Cases ID	Description	Precondition	Test Steps	Expected Results	Pass/Fail	Note
1	<b>Renders correctly</b>	NA	<ul style="list-style-type: none"><li>• Checks if the username input field is rendered</li><li>• Checks if the password input field is rendered</li><li>• Checks if the "Sign In" button is rendered</li></ul>	Login Page is rendered	Pass	NA
2	<b>Signs in with valid credentials</b>	Login Page is rendered	<ul style="list-style-type: none"><li>• Checks if the username input field is rendered</li><li>• Checks if the password input field is rendered</li><li>• Checks if the "Sign In" button is rendered</li></ul>	Home page is rendered after login	Pass	NA
3	<b>Shows an error message with invalid username</b>	Login Page is rendered	<ul style="list-style-type: none"><li>• Fills in the username field with an invalid username</li><li>• Fills in the password field with a valid password</li><li>• Presses the "Sign In" button</li><li>• Checks if the error alert was shown with the expected message</li></ul>	Invalid username or password error message is rendered	Pass	NA
4	<b>Shows an error message with invalid password</b>	Login Page is rendered	<ul style="list-style-type: none"><li>• Fills in the username field with a valid username</li><li>• Fills in the password field with an invalid password</li><li>• Presses the "Sign In" button</li></ul>	Invalid username or password error message is rendered	Pass	NA

			<ul style="list-style-type: none"> <li>Checks if the error alert was shown with the expected message</li> </ul>			
5	<b>Shows an error message with invalid credentials</b>	Login Page is rendered	<ul style="list-style-type: none"> <li>Fills in the username and password fields with invalid credentials</li> <li>Presses the "Sign In" button</li> <li>Checks if the error alert was shown with the expected message</li> </ul>	Invalid username or password error message is rendered	Pass	NA

### User Story ID: MW-122 (Home page - mobile app)

Test Cases ID	Description	Precondition	Test Steps	Expected Results	Pass/Fail	Note
1	Renders correctly with valid route parameters	Must be logged into the app.	<ul style="list-style-type: none"> <li>Open the app on mobile device.</li> <li>Login into the app with username and password</li> </ul>	<ul style="list-style-type: none"> <li>Home page is properly rendered with all the UI elements.</li> </ul>	Pass	NA
2	Fetches and displays user name correctly	Must be logged into the app.	<ul style="list-style-type: none"> <li>Once logged in check if the user's first name is displayed as 'Hi, &lt;first name&gt;'</li> </ul>	<ul style="list-style-type: none"> <li>The user's name is displayed on the top of the home page</li> </ul>	Pass	NA
3	Displays "No upcoming appointments" message when there are no appointments	<ul style="list-style-type: none"> <li>Must be logged into the app.</li> <li>No upcoming appointments must be present</li> </ul>	<ul style="list-style-type: none"> <li>Once logged in check if there is 'No upcoming appointments' message displayed in the Upcoming appointments section</li> </ul>	<ul style="list-style-type: none"> <li>The 'No upcoming appointments' message is displayed</li> </ul>	Pass	NA
4	Shows more appointments when "Show More" button is clicked	<ul style="list-style-type: none"> <li>Must be logged into the app.</li> <li>More than 2 upcoming appointments must be present</li> </ul>	<ul style="list-style-type: none"> <li>Once logged in, check if there are more than 2 appointments present in the upcoming appointments section.</li> </ul>	<ul style="list-style-type: none"> <li>Show More button is present.</li> <li>Show More button is clickable</li> <li>More appointments are displayed when the show more button is clicked.</li> </ul>	Pass	NA

			<ul style="list-style-type: none"> <li>• Check the 'Show More' button is displayed</li> <li>• Click the button.</li> <li>• Check if more appointments are displayed</li> </ul>			
5	Hides appointments when "Show Less" button is clicked	<ul style="list-style-type: none"> <li>• Must be logged into the app.</li> <li>• More than 2 upcoming appointments must be present</li> <li>• Show more button must be clicked</li> </ul>	<ul style="list-style-type: none"> <li>• Follow steps of test case 4.</li> <li>• Check if show less button is present. Click the show less button</li> </ul>	<ul style="list-style-type: none"> <li>• Show less button is present.</li> <li>• Show less button is clickable.</li> <li>• Only 2 appointments are displayed when the button is clicked</li> </ul>	Pass	NA
6	Opens appointment details modal when an appointment item is pressed	<ul style="list-style-type: none"> <li>• Must be logged into the app.</li> <li>• Upcoming appointments must be present and clickable .</li> </ul>	<ul style="list-style-type: none"> <li>• Follow steps of test case 1.</li> <li>• Check if any appointment is present. Click the appointment.</li> <li>• Check if the appointment details are displayed</li> </ul>	<ul style="list-style-type: none"> <li>• Appointments are clickable.</li> <li>• Appointment details are displayed when they are clicked</li> </ul>	Pass	NA
7	Closes appointment details modal when close button is pressed	<ul style="list-style-type: none"> <li>• Must be logged into the app.</li> <li>• Upcoming appointments must be present and clicked.</li> </ul>	<ul style="list-style-type: none"> <li>• Follow steps of test case 6.</li> <li>• Check if close button is present in the appointment details page.</li> <li>• Click the close button.</li> </ul>	<ul style="list-style-type: none"> <li>• Close button is present in the appointment details page and is clickable.</li> <li>• After clicking app return to home page</li> </ul>	Pass	NA

### User Story ID: MW-122 (Appointment details - mobile app)

Test Cases ID	Description	Precondition	Test Steps	Expected Results	Pass/Fail	Note
1	Renders appointment details correctly	<ul style="list-style-type: none"> <li>• Home page must be rendered</li> <li>• Appointments must be present in the 'Upcoming appointments' section</li> </ul>	<ul style="list-style-type: none"> <li>• Login into the app</li> <li>• Click on 1 appointment present in the 'Upcoming appointments' section.</li> <li>• Check if all the appointment</li> </ul>	Appointment details page is rendered with all the appointment fields	Pass	NA

			fields are rendered.			
2	Renders error message when appointment is not provided	<ul style="list-style-type: none"> <li>Home page must be rendered</li> <li>Appointments must be present in the 'Upcoming appointments' section</li> </ul>	<ul style="list-style-type: none"> <li>Login into the app</li> <li>Click on 1 appointment present in the 'Upcoming appointments' section</li> <li>Check if error message is displayed because appointments are details are not present.</li> </ul>	Error message is displayed	Pass	NA
3	Closes the modal when the close button is pressed	<ul style="list-style-type: none"> <li>Home page must be rendered</li> <li>Appointments must be present in the 'Upcoming appointments' section</li> <li>Appointment must be clicked</li> </ul>	<ul style="list-style-type: none"> <li>Follow steps of test case 1</li> <li>Check if close button is present</li> <li>Click on close button.</li> </ul>	App returns to home page.	Pass	NA

User Story ID: MW-119 (Appointment screen - mobile app)

Unit test (Appointment card & Calendar):

Test Case s ID	Component	Description	Precondition	Test Steps	Expected Results	Pass/Fail	Note
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1	Appointment Card & Calendar	Renders appointments details correctly	<ul style="list-style-type: none"> <li>• Must be able to fetch appointment data from server</li> <li>• The date stored in correct form</li> <li>• Must logged in</li> </ul>	<ol style="list-style-type: none"> <li>1. Render the component with mock appointments data</li> <li>2. Manually check the correctness of the mock appointment details</li> </ol>	Appointment card and calendar component should render the correct details based on the mock appointment data	Pass	NA
2	Appointment Card	Navigates to appointment detail on press	<ul style="list-style-type: none"> <li>• Mock appointment data and Navigation mock must be provided correctly</li> </ul>	<ol style="list-style-type: none"> <li>1. Following Test case 1</li> <li>2. Simulate a press event on the appointment</li> <li>3. Check if the mockNavigate function is called to navigate to the AppointmentDetail screen</li> </ol>	The corresponding appointment detail screen should be displayed once the appointment card is pressed	Pass	NA
3	Calendar	Highlight the selected date when a day is pressed	<ul style="list-style-type: none"> <li>• List of mock Appointment data must be provided</li> <li>• The format of rendered date is correct</li> </ul>	<ol style="list-style-type: none"> <li>1. Test Case</li> <li>2. Simulate a press event on a calendar day on the calendar component with a dateString</li> </ol>	The appointment date is highlighted on the calendar	Pass	N/A
4	Calendar	Shows message when the selected date has no appointment	<ul style="list-style-type: none"> <li>• List of complete Appointment data must be provided</li> </ul>	<ol style="list-style-type: none"> <li>1. Render the appointment detail with empty data</li> <li>2. Select date with no appointment</li> <li>3. Check if the message is displayed on the screen</li> </ol>	Below the calendar should show "no upcoming appointments"	Pass	NA
5	Appointment Card & Calendar	Handles invalid data inputs gracefully	<ul style="list-style-type: none"> <li>• The provided appointment data is in incorrect format</li> </ul>	<ol style="list-style-type: none"> <li>1. Render the calendar with invalid date inputs</li> <li>2. Check if the Calendar component is handled properly</li> </ol>	The Calendar component should not mark any dates	Pass	N/A

Integration test (appointment screen):

Test Cases ID	Description	Precondition	Test Steps	Expected Results	Pass/Fail	Note
1	Renders the AppointmentCard and Calendar correctly	<ul style="list-style-type: none"> <li>Must be able to fetch appointment data from server</li> <li>The mock data stored in correct form</li> <li>Appointment card and calendar must be rendered</li> </ul>	<ol style="list-style-type: none"> <li>Set up mocked data for user details and appointment list</li> <li>Render the AppointmentScreen component</li> <li>Check if the appointment card and calendar components are rendered correctly</li> </ol>	The Appointment Screen should render the appointment card component and the calendar component correctly	Pass	NA
2	Displays message when no appointments are available	<ul style="list-style-type: none"> <li>An empty list of upcoming appointments must be provided</li> </ul>	<ol style="list-style-type: none"> <li>Set up mocked data for user details and an empty array for upcoming appointments</li> <li>Render the AppointmentScreen component</li> <li>Check if the message is displayed</li> </ol>	The message "no upcoming appointments." should be displayed	Pass	NA

### Appointment detail screen:

Test Cases ID	Description	Precondition	Test Steps	Expected Results	Pass/Fail	Note
1	Renders all appointment details correctly	<ul style="list-style-type: none"> <li>Mock appointment details must be provided in correct form</li> </ul>	<ol style="list-style-type: none"> <li>Set up mock appointment details</li> <li>Render the screen with the mock details</li> <li>Check if all details are rendered correctly</li> </ol>	This screen should render the appointment details correctly based on the mock appointment details	Pass	NA
2	Navigates to doctor location on pressing address	<ul style="list-style-type: none"> <li>Mock appointment details must be provided in correct form</li> </ul>	<ol style="list-style-type: none"> <li>Follow Test case 1</li> <li>Press the doctor's address text</li> <li>Check if the navigation function is called with the correct appointment details</li> </ol>	The screen should navigate to Google Map to search for doctor's location once the location link is pressed	Pass	Further testing on this functionality is needed

3	Adds appointment to calendar when prompted	<ul style="list-style-type: none"> <li>Mock appointment details including dates must be provided in correct form</li> <li>Calendar app should be installed on the phone</li> </ul>	<ol style="list-style-type: none"> <li>Follow Test case 1</li> <li>Press the "Add to calendar" text</li> <li>Check if the function of adding to calendar is called with the correct appointment details</li> </ol>	The screen should pop to calendar to ask for adding a new event to the calendar after the "Add to calendar" is triggered	Pass	Further testing on this functionality is needed
4	Shares appointment details when share button is pressed	<ul style="list-style-type: none"> <li>Mock appointment details must be provided in correct form</li> </ul>	<ol style="list-style-type: none"> <li>Follow Test case 1</li> <li>Press the "Share" button</li> <li>Check if the sharing function is called with the correct appointment details</li> </ol>	The screen should come up a tab to share the appointment details in text with other apps when the "Share Appointment Details" text is pressed	Pass	Further testing on this functionality is needed
5	Opens a document when document link is pressed	<ul style="list-style-type: none"> <li>Mock appointment details with a document must be provided</li> <li>Document link must be accessible</li> </ul>	<ol style="list-style-type: none"> <li>Follow Test case 1</li> <li>Press the document link</li> <li>Check if the onDocumentPress function is called with the correct document URL</li> </ol>	The screen will navigate to the correct document URL when the document name text is pressed	Pass	The onDocumentPress function is mocked for testing
6	Displays message when no documents or notes are available	<ul style="list-style-type: none"> <li>Mock appointment details with an empty documents array or notes</li> </ul>	<ol style="list-style-type: none"> <li>Set up mock appointment details with an empty documents array or notes</li> <li>Render the screen with the mock details</li> <li>Check if the message is rendered</li> </ol>	"No documents available." or "You have no reminders." message should be rendered correctly when the the appointment has no document links or notes	Pass	NA