

Description	The user shall be able to view a submitted incident report by pressing a button on the view.
Type and Use Case	SW UC111_User_selects_IncidentReport
Criteria	The user shall be able to view a submitted incident report by pressing a button on the view. This will display the relevant details of the incident report as when submitted by the guard. The following details are as follows, Guard Name, Business Name, Business ID, Time Submitted, Incident Type, Location, and Description. Furthermore, the incident report details should be immutable.
Method	Black box test: Step 1: Log in to the Security Firm Dashboard. Step 2: Navigate to the 'Incident Reports' table. Step 3: Select a report from the table. Step 4: A window appears.
Outcome	Pass.
Method	Black box test: Step 1: Log in to the Security Firm Dashboard. Step 2: Navigate to the 'Incident Reports' table. Step 3: Select a report from the table. Step 4: A window appears. Step 5: The window contains the following details about the selected incident report: Guard Name, Business Name, Business ID, Time Submitted, Incident Type, Location, and Description.
Outcome	Pass.
Method	White box test: Step 1: Log in to the Security Firm Dashboard. Step 2: Navigate to the 'Incident Reports' table. Step 3: Select a report from the table. Step 4: A window appears. Step 5: The window contains the following details about the selected incident report: Guard Name, Business Name, Business ID, Time Submitted, Incident Type, Location, and Description. Step 6: Through taking note of the Guard Key, Business ID, Incident Type, and Date/Time fields from the table, check with the corresponding database table that the selected incident reports details are correct.
Outcome	Pass.

Description	As part of the main security firm dashboard view, the user will be presented with an interactive list of businesses that have been assigned to the security firm, known hereafter as the Business List View.
Type and Use Case	SW UC114_User_views_BusinessList
Criteria	As part of the main security firm dashboard view, the user will be presented with an interactive list of businesses that have been assigned to the security firm, known hereafter as the Business List View. The list should display the name of the business, and the business contact number. The list shall be ordered by the business name in descending order.
Method	Black box test: Step 1: Log in to the Security Firm Dashboard. Step 2: Navigate to the 'Assigned Businesses' table. Step 3: The table is composed of assigned businesses and displays both the Business Name and Contact Number.
Outcome	Pass.
Method	Black box test: Step 1: Log in to the Security Firm Dashboard. Step 2: Navigate to the 'Assigned Businesses' table. Step 3: The list of businesses is ordered alphabetically, by Business Name.
Outcome	Pass.
Method	White box test: Step 1: Log in to the Security Firm Dashboard. Step 2: Navigate to the 'Assigned Businesses' table. Step 3: In the corresponding database table, confirm that the Contact Number is correct for each business.
Outcome	Pass.

Description	The user may select an entry in the Business List View to display a popup window of the selected business' details.
Type and Use Case	SW UC117_User_selects_Business
Criteria	The user may select an entry in the Business List View to display a popup window of the selected business' details. The details displayed will include the following: Business name; ABN or ACN of the business; Contact number; Email address (a link which when clicked will open the mail app); Manager name (formatted as 'First Name Last Name'); Security locations (displayed as a list).
Method	Black box test: Step 1: Log in to the Security Firm Dashboard. Step 2: Navigate to the 'Assigned Businesses' table. Step 3: Select a business from the list. Step 4: A pop-up window appears.

Outcome	Pass.
Method	<p>Black box test:</p> <p>Step 1: Log in to the Security Firm Dashboard.</p> <p>Step 2: Navigate to the 'Assigned Businesses' table.</p> <p>Step 3: Select a business from the list.</p> <p>Step 4: A pop-up window appears.</p> <p>Step 5: The window contains the following details, Business name, ABN or ACN of the business, Contact number, Email address, Manager name Security locations.</p>
Outcome	Pass.
Method	<p>White box test:</p> <p>Step 1: Log in to the Security Firm Dashboard.</p> <p>Step 2: Navigate to the 'Assigned Businesses' table.</p> <p>Step 3: Confirm that the selected business details match the corresponding details stored in the associated database table.</p>
Outcome	Pass.
Method	<p>Black box test:</p> <p>Step 1: Log in to the Security Firm Dashboard.</p> <p>Step 2: Navigate to the 'Assigned Businesses' table.</p> <p>Step 3: Select a business from the list.</p> <p>Step 4: A pop-up window appears.</p> <p>Step 5: Click the email address shown in the email address field.</p> <p>Step 6: The mail application opens with the clicked email ready to use.</p>
Outcome	Pass.

Description	Upon pressing the request backup button, an alert will be sent to all other on- shift guards which contains the distressed guards name and location that they are guarding.
Type and Use Case	SW UC72_User_selects_RequestBackup
Criteria	<p>Upon pressing the request backup button, an alert will be sent to all other on- shift guards which contains the distressed guards name and location that they are guarding.</p> <p>Guards who receive the alert should be able to press a button to inform the distressed guard that they are on their way, or that they are busy and cannot aid.</p> <p>This will be displayed as a numerical value of guards that are on the way to help.</p> <p>This may also be seen by the other on-shift guards to ensure that not every guard on-shift leaves their position.</p>
Method	<p>White box test:</p> <p>Step 1: On the security guard view window, select the 'request backup button'.</p> <p>Step 2: Confirm with the database that a help request has been created.</p>

	Step 3: Confirm that the guard's details – name, location, etc. are all accurate.
Outcome	Fail on step 3. Entry does not contain the correct name or location.
Method	Black box test: Step 1: On the security guard view window, select the 'request backup button'. Step 2: A screen appears showing the state of the request.
Outcome	Pass.
Method	White box test: Step 1: Add breakpoints to the API call for the request generation. Step 2: Make a request. Step 3: Check the map contents before it is passed to the API, to ensure that the request details are correct.
Outcome	Fail on step 3. The request does not contain the correct details.

Description	As part of the main security guard view, the user should have the ability to begin their shift at a selected business location.
Type and Use Case	SW UC78_User_selects_BeginShift
Criteria	As part of the main security guard view, the user should have the ability to begin their shift at a selected business location. This option will only be available if the guard starting their shift is not already on a shift that is started. Starting a shift will display a list of businesses that the user has been assigned to.
Method	Black box test: Step 1: Navigate to the security guard view. Step 2: Select the 'start shift' button. Step 3: The user is presented with a list of businesses that they have been assigned to. Step 4: The 'start shift' button changes to 'end shift'.
Outcome	Fail on Step 3. The list of business is displayed before the start shift window. Step 4 is pass.
Method	White box test: Step 1: As a security guard, begin shift. Step 2: Compare the list of businesses with the corresponding table in the database for that security guard to confirm that the results are accurate.
Outcome	Pass.
Method	White box test: Step 1: Choose a business and location and start a shift. Step 2: Return to the business list. Step 3: Choose a different business and then attempt to start a shift. Step 4: This is not achievable as a guard can only be assigned to one business at a time.

Outcome	Fail on Step 4. Can still view other businesses.
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Description	A guard should have the ability to end their shift.
Type and Use Case	SW UC81_User_selects_EndShift
Criteria	A guard should have the ability to end their shift. This option will only be available if the guard ending their shift is already on a shift that is started. A guard cannot access the incident report or request backup tools if they have not started a shift, as this uses information including business location, and area they are guarding.
Method	Black box test: Step 1: With an account that has already began their shift, navigate to the security guard view. Step 2: Tap the 'end shift' button. Step 3: User is presented with a window that no longer contains a list of businesses, as well as the 'end shift' button changing to 'start shift'.
Outcome	Pass.
Method	Black box test: Step 1: With an account that has already began their shift, navigate to the security guard view. Step 2: Tap the 'end shift' button. Step 3: Return to the security guard view. Step 4: Tap the request backup button. (pass if unable to). Step 5: Tap the incident report button. (pass if unable to access incident reports).
Outcome	Fail on Step 4 and 5.
Method	White box test: Step 1: End shift. Step 2: Confirm with the database that the corresponding guard shift entry has been removed from the table. Step 3: Select the business again and ensure that the guard is no longer listed as on shift for that business.
Outcome	Pass.

Description	When the user starts a shift, an interactive list of businesses that the guard has access to will be displayed.
Type and Use Case	SW UC84_User_views_GuardBusinessList
Criteria	When the user starts a shift, an interactive list of businesses that the guard has access to will be displayed.
Method	Black box test: Step 1: Tap the 'start shift' button.

	Step 2: User is presented with a list of businesses that that security guard account has access to.
Outcome	Pass.
Method	White box test: Step 1: Tap the 'start shift' button. Step 2: User is presented with a list of businesses that that security guard account has access to. Step 3: Confirm with the database that the correct businesses are displayed for that security guard account.
Outcome	Pass.

Description	Selecting a business from this list will then display an interactive list of pre-set security locations that are available to be guarded.
Type and Use Case	SW UC85_User_views_BusinessAreaList
Criteria	Selecting a business from this list (UC84_User_views_GuardBusinessList) will then display an interactive list of pre-set security locations that are available to be guarded.
Method	Black box test: Step 1: Select a business from the list. Step 2: User is presented with a list of locations within the selected business.
Outcome	Pass.
Method	White box test: Step 1: Select a business from the list. Step 2: Confirm that the available locations accurately correspond to the selected business, from the database table that holds business locations.
Outcome	Pass.