

## Unit Test Plan Template

Project Name: Alarm Clock

Project Sponsor: Code Institute / Simon Vardy

Document Date: 06 December 2020

### 1. Unit Test Plan Scope (In Scope – Out of Scope)

In Scope	Out of Scope
In Scope <a href="#">readme document</a> – Features implemented	Out of Scope <a href="#">readme document</a> – Future Features

### 2. Unit Test Cases

ID	Test Cases	Input Value	Expected Output
2.01	<b>Responsive canvas clock face element</b>  Test Procedure: <ul style="list-style-type: none"><li>– Open <a href="#">Homepage</a></li><li>– Left click the page and open Dev Tools</li><li>– Toggle the device toolbar</li><li>– Resize the page width from wide to narrow</li></ul>		The device toolbar opens The clock face responsively changes size below device width 500px.
2.02	<b>Responsive accordion element</b>  Test Procedure: <ul style="list-style-type: none"><li>– Open <a href="#">Homepage</a></li><li>– Left click the page and open Dev Tools</li><li>– Toggle the device toolbar</li><li>– Expand the accordion to reveal the card with input selectors and button</li><li>– Resize the page width from wide to narrow</li></ul>		The device toolbar opens The accordion responsively changes size below device width 500px. The input selectors and button responsively align vertically as the device width reduces below 500px.
2.03	<b>The clock hands move and show the current local time</b>  Test Procedure: <ul style="list-style-type: none"><li>– Open <a href="#">Homepage</a></li><li>– Ensure the clock face is displayed.</li><li>– Ensure the clock displays the current local time</li><li>– Ensure the clock hands move continuously</li></ul>		The Homepage remains The clock face shows the current local time The clock hands move in a clockwise rotation.
2.04	<b>Setting the alarm</b>  Test Procedure: <ul style="list-style-type: none"><li>– Open <a href="#">Homepage</a></li><li>– Left click on the Alarm Clock accordion</li><li>– Select an hour value between 00 and 23 in the left dropdown box</li></ul>		The accordion header background changes from white to light blue on hover.

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	<ul style="list-style-type: none"><li>– Select a minute value between 00 and 59 in the right dropdown selector</li><li>– Click the green “Set Alarm” button</li></ul>		<p>The “bell-slash” icon is displayed above the accordion.</p> <p>The accordion header text underlines on hover</p> <p>The accordion expands when the header is clicked</p> <p>The hour selector expands to show values between 00 and 23</p> <p>The minute selector expands to show values between 00 and 59</p> <p>The selectors retain the chosen value and collapse after selection</p> <p>The green “set Alarm” button changes colour to red on button click.</p> <p>The button text changes to “Clear Alarm” on button click.</p> <p>The “bell-slash” icon is changed to a “bell” icon.</p> <p>The hour and minute selectors disable on button click.</p> <p>The audio file will play when the current time equals the alarm time set.</p> <p>The bell icon will “shake” when the alarm is triggered.</p>
2.05	<p><b>Cancelling the alarm</b></p> <p>Test Procedure:</p> <ul style="list-style-type: none"><li>– Open <a href="#">Homepage</a></li><li>– Left click on the Alarm Clock accordion</li><li>– Click the red “Clear Alarm” button</li></ul>		<p>The accordion header background changes from white to light blue on hover.</p> <p>The “bell” icon is displayed above the accordion.</p>

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			<p>The accordion header text underlines on hover</p> <p>The accordion expands when the header is clicked</p> <p>The red "Clear Alarm" button changes colour to green on button click.</p> <p>The button text changes to "Set Alarm" on button click.</p> <p>The "bell" icon is changed to a "bell-slash" icon.</p> <p>The hour and minute selectors enable on button click.</p> <p>The audio file will no longer play.</p> <p>The bell icon will be static.</p>
2.06	<p><b>Footer Social Media Links all pages</b></p> <p>Test Procedure:</p> <ul style="list-style-type: none"><li>– Open <a href="#">Homepage</a></li><li>– Scroll to the bottom of the page</li><li>– Click on the "GitHub" link</li><li>– Click on the "CodePen" link</li><li>– Click on the "LinkedIn" link</li></ul>		<p>The GitHub repo website opens in a new tab</p> <p>The CodePen website opens in a new tab</p> <p>The LinkedIn website opens in a new tab</p>

3. Unit Test Results				
ID	Test Cases	Pass/Fail	Tested By	Date Tested
3.01	Responsive canvas clock face element	Pass	Simon Vardy	06/12/2020
3.02	Responsive accordion element	Pass	Simon Vardy	06/12/2020
3.03	The clock hands move and show the current local time	Pass	Simon Vardy	06/12/2020
3.04	Setting the alarm	Pass	Simon Vardy	06/12/2020
3.05	Cancelling the alarm	Pass	Simon Vardy	06/12/2020

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3.06	Footer Social Media Links all pages	Pass	Simon Vardy	06/12/2020
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## 4. Addendums & Appendices

*Include any additional documents.*