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Test	Test Carried Out	Expected Result	Actual Result	Errors Fixed	Comments
UT1.0	<u>Visual Test</u> Trigger POI icon press at a kiosk location Trigger POI icon press for a different location when at a kiosk.	Zoom into location is triggered and further information set to be visible. Presentation activity will be triggered	Zooming doesn't work as intended, zooms in a diagonal direction. presentation is displayed as expected with all expected information.	Zooming method was redesigned and now works as expected.	
UT3.1	<u>Visual test</u> check to see if the presentation displays the correct information for the opening times	The presentation slide corresponding to the POI clicked has the correct opening times displayed	When any POI was clicked the opening times were displayed on the first slide. But not in an easy to read format, the text over lapped	The opening times were reformatted to prevent overlapping	
UT3.2	<u>Visual test</u> check to see if the presentation displays the correct description for the POI	The presentation slide corresponding to the POI clicked has the correct description displayed	When any POI was clicked the description was displayed on the first slide/ next couple of slides.		
UT3.3	<u>Visual test</u> check to see if the presentation displays the correct video content for the POI	The presentation slide corresponding to the POI clicked has the correct video content displayed	When any POI was clicked the video content was missing.	File path for video corrected. Now when any POI was clicked the video content was displayed on one of the slides within the slides corresponding to the POI clicked.	

UT3.4	<u>Visual test</u> Open video	Video can be paused/stopped, played and the volume can be changed.	Video opened as expected, play/pause and volume changing worked as expected, full screen option was added and worked		
UT3.5	<u>Visual test</u> Audio button pressed in content pane.	Audio plays.	Audio file plays as expected, no delay		
UT3.6	<u>Visual test</u> Play audio.	Audio can be played, paused and stopped and the volume can be changed.	Audio played/paused when expected, volume changes worked and reflected well on the audio		
UT3.7	<u>Visual test</u> Trigger POI icon press.	Photos are displayed in content pane.	When a POI is triggered the photo in the slides appears on the content pane but was squashed out of its original aspect ratio	Position values for x and y was changed then test rerun with expected result	Care needs to be taken when setting position values for images
UT3.8	<u>Visual test</u> Open a photo - Photo can be zoomed in on.	Any region of a photo displayed within the presentation slides can be zoomed in when the user hovers the mouse over it	When the user hovers the mouse over a region within the photo, that region of the photo is magnified.		
UT4.0	<u>Visual test</u> Trigger a sub-Point of Interest (sPOI) icon press.	Text description displayed.	When a POI is triggered the sPOI's are shown as expected, when a sPOI is triggered the appropriate text in the slide is shown as expected		
UT4.1	<u>Visual test</u> buttons in a content pane.	More content becomes available.	When a button is pressed in the content pane the next slide is displayed as	Changed how the slides to be displayed is implemented so	Fixed the issue and works as expected

			expected and so is the previous slide when the back button is pressed but if the next button is pressed to many times all slides for all POI are displayed	that a new array containing only the slides for the selected POI is created and cleared every time a new POI is selected	
UT4.2	<u>Visual test</u> Trigger an sPOI icon press - Video displayed in a content pane.	The presentation slide corresponding to the sPOI clicked has the correct video content displayed	When any sPOI was clicked the video content was displayed on one of the slides within the slides corresponding to the sPOI clicked		
UT4.3	<u>Visual test</u> Open video.	Video can be paused/stopped, played and the volume can be changed.	When a sPOI is triggered which contains a video all video functionality works as expected		
UT4.4	<u>Visual test</u> Audio button pressed in content pane.	Audio plays.	When a sPOI is triggered which contains audio, the audio plays as expected		
UT4.5	<u>Visual test</u> Audio can be played, paused and stopped and the volume can be changed.	The audio plays, pauses, stops and changes volume when the associated media button is pressed/slided	The audio pauses/plays when the pause/play button is pressed, stops when the stop button is pressed and the slider changes the volume appropriately.		
UT4.6	<u>Visual test</u> Trigger sPOI icon press.	Photos are displayed in content pane.	On triggering a sPOI that contains a photo, the photo is displayed in the content pane for the slide as expected		
UT4.7	<u>Visual test</u>	Photo can be zoomed in on.	When the mouse is over the		

	Open a photo		photo that area is magnified as expected		
KIT1.0	<u>Visual test and unit</u> Trigger a POI icon press.	<p>All of the following are displayed on a scrollable content screen:</p> <p>Opening Times</p> <p>Text description.</p> <p>Video that can be manipulated by the user.</p> <p>Audio that can be manipulated by the user.</p> <p>Zoomable photos.</p>	<p>When all of the components were displayed on a slide, Opening times displayed as expected, the text description was displayed as expected, the video was displayed and all controls worked as expected, audio was played and could be paused as expected, when the cursor was placed over a photo that area was magnified, all worked as expected but overlapping occurred with all the elements added, scaling issues were also found for different devices</p>	<p>Fixed by checking and amending the positioning values to prevent overlapping, scaling was fixed by scaling through all elements to find the biggest element and rescaling all other elements to fit with that</p>	<p>Each element is positioned correctly but care needs to be taken when adding multiple elements, elements should be restricted to be no more than 1000x1600 to help predict element placement due to scaling issues</p>
KIT2.0	<u>Visual test</u> Trigger an sPOI icon press.	<p>All of the following are displayed on a scrollable content screen:</p> <p>Text description.</p> <p>Video that can be manipulated by the user.</p> <p>Audio that can be manipulated by the user.</p> <p>Zoomable photos.</p>	<p>When a sPOI is pressed all the expected information is displayed on the slides relation to that sPOI.</p>		<p>The fixes for POI's translated for sPOI's</p>
KIT3.0	<u>Visual test</u>	<p>Correct media is displayed in content panels.</p>	<p>The correct text, video and audio files were successfully</p>		

	Load a sample text file, video, audio file and video.		passed through the XML parser and displayed in the content panels.		
KIT5.0	<u>Visual test</u> Load map.	POI icons are visible.	POI's and sPOI's are visible and most are in the correct location however some sPOI's had the incorrect longitude and latitude coordinates.	Longitude and latitude coordinates for the incorrect sPOI's positions has been corrected.	In the future have a double check system to ensure accurate coordinate values.
	<u>Visual test</u> Click on current location POI icon	Map zooms into POI and sPOIs and content panes become visible.	When a POI is clicked, the correct sPOI's become visible and in the correct location and the correct slide is shown on the content pane		
	<u>Visual test</u> Click a different POI.	Map zooms into new POI and the correct content for that POI is shown	When a new POI is selected, the current POI's sPOI's are cleared and the map zooms on to the new POI		
KIT6.0	<u>Visual test</u> Load map and click on current location POI icon.	Current location at POI is shown, and map zooms, showing all sPOIs for the location and all content.	Clicking on the POI displays the sPOI's and the POI content but the Icons disappear when a sPOI is clicked	Changed the code to search through all POI's and sPOI's to check to see if they have been clicked on. Now when a POI is clicked all sPOI's are displayed as well as the POI content and the POI and sPOI Icons remain on the map when one of the sPOI's is pressed and the sPOI information	

				is displayed instead.	
KST1.0	<u>Visual test</u> Load data for the current POI in PWS XML format to the kiosk. Click on current POI.	Content from XML file appears in content pane.	The content in the xml file appeared as expected on the content pane		
KST2.0	<u>Visual test</u> Start app.	Loads to main menu (map).	When the app is started up the map is immediately shown		
KST2.2	<u>Visual test</u> Click on POI location.	sPOIs at the location is shown.	When a POI is clicked all sPOI for that location is shown		
KST3.0	<u>Visual test</u> Click on current POI.	Map shows current location and sPOIs. Content is shown and can be played. Routes around the POI are visible.	When a POI is clicked, all its sPOI's become visible and the content pane appears/changes with/to slides containing the information for that POI		
KST3.1	<u>Visual test</u> Click on another POI	Map zooms into POI.	The map zooms into the newly selected POI		
KST3.2	<u>Visual test</u> Click on an sPOI	Content is shown and can be played	When a sPOI is selected the correct content is shown and played on the content pane		
KST3.3	<u>Visual test</u> POI content can be made full screen	Content can be made full screen within the kiosk.	Video content within the content pane can be made fullscreen		
KST5.0	<u>Visual test</u> View the map.	POI icons for all POIs are visible.	The map shows all POI icons and sponsored businesses as expected however some of	The type string in the PWS was corrected for the sponsors with the	Care should be taken when writing the POI PWS information.

		Sponsored businesses are visible.	the sponsors had the incorrect types in the PWS and therefore the incorrect icon.	wrong icon.	
KST6.0	<u>Visual test</u> Go to current POI content screen. Scroll.	Content should scroll with user input.	The content can be scrolled using the left and right buttons at the bottom of the content pane		
KST6.1	<u>Visual test</u> Go to current POI content screen. Play the video. Pause the video. Stop the video. Change the current timestamp.	Video responds to user input as expected.	The video operated as expected including playing, pausing, stopping and scrubbing		
KST6.2	Go to current POI content screen. Play the audio. Pause the audio. Stop the audio. Change the current timestamp.	Audio responds to user input as expected.	The audio responds to all the media controls correctly		
KST6.3	<u>Visual test</u> Go to current POI content screen. Zoom on a picture.	Picture responds to zooming.	When the mouse is over a picture the that area of the picture is magnifiable		
KST7.0	<u>Visual test</u> Go to an sPOI content screen. Scroll.	Content should scroll with user input.	The content can be scrolled using the left and right buttons at the bottom of the content pane		

KST7.1	<u>Visual test</u> Go to an sPOI content screen. Play the video. Pause the video. Stop the video. Change the current timestamp.	Video responds to user input as expected.	The video operated as expected including playing, pausing, stopping and scrubbing		
KST7.2	<u>Visual test</u> Go to an sPOI content screen. Play the audio. Pause the audio. Stop the audio. Change the current timestamp	Audio responds to user input as expected.	The audio responds to all the media controls correctly		
KST7.3	<u>Visual test</u> Go to an sPOI content screen. Zoom on a picture.	Picture responds to zooming.	When the mouse is over a picture the that area of the picture is magnifiable		

Signatures:  LT

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