ADPQ Traceability Matrix

Requirement		Design		Test		
Requirement	Category	Category	Design	Test	Category	Last Result
Requirement: Application Access						
Requirement: All Features shall be available on both Android and Chrome Web Browsers						
A user shall be prompted for login credentials [ID=2159]	Business Requirement [ID=2159]	Specification [ID=2163]	Username and Password Text box will be presented and will require an existing email address and password. The user shall then a press "Login" button on the same page. [ID=2163]	If No Email is input access is denied [ID=2171]	Verification Test [ID=2171]	Passed [ID=2171]
				If No Password is input access is denied [ID=2173]	Verification Test [ID=2173]	Passed [ID=2173]
				Incorrect Email and Password combination results in access denied [ID=2175]	Verification Test [ID=2175]	Passed [ID=2175]
				Correct Email and Password combination results in access granted [ID=2177]	Verification Test [ID=2177]	Passed [ID=2177]
New users will be prompted for account creation [ID=2161]	Business Requirement [ID=2161]	Specification [ID=2179]	A Sign Up Box will be presented requiring the User to enter a new email address and password [ID=2179]	Entering a non-existing Email Account prompts the user to create a new account [ID=2181]	Verification Test [ID=2181]	Passed [ID=2181]
				If Both Email and Password are not provided the account is not created and the user is notified via a failure response box. [ID=2183]	Verification Test [ID=2183]	Passed [ID=2183]
Requirement: Account Management						
A user shall be able to update/change their email, [ID=2191]	Business Requirement [ID=2191]	Specification [ID=2197]	A use will select "Change Email" from Account Management Page [ID=2197]	The Email Address is updated when the user provides a new email address [ID=2195]	Verification Test [ID=2195]	Passed [ID=2195]
A user shall be able to update/change their password, [ID=2199]	Business Requirement [ID=2199]	Specification [ID=2193]	A use will select "Change Password" from Account Management Page [ID=2193]	The User Password is updated when the user provides a new password [ID=2201]	Verification Test [ID=2201]	Passed [ID=2201]
Requirement: Agency Subscription						
A user shall be able to suscribe to government agencies for emergency notification [ID=2207]	Business Requirement [ID=2207]	Specification [ID=2203]	A list of available government agencies shall be presented [ID=2203]	A list of government agencies are presented [ID=2205]	Verification Test [ID=2205]	Passed [ID=2205]
		Specification [ID=2209]	Each available government agency shall have a checkbox for selection [ID=2209]	Each government agency has a checkbox [ID=2211]	Verification Test [ID=2211]	Passed [ID=2211]
				Each checkbox default is off [ID=2213]	Verification Test [ID=2213]	Passed [ID=2213]
				Each checkbox is selectable with a click and can toggle to selected or not selected with repeated clicks [ID=2215]	Verification Test [ID=2215]	Passed [ID=2215]

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A user be able to pick the method of notification [ID=2217]	Business Requirement [ID=2217]	Specification [ID=2219]	There shall be the option to subscribe via email notifications by clicking an "Email" box for selection [ID=2219]	If the Email Box is Selected, Emails are received from each for the subscribed Government Agencies [Run Email Battery Test Grid] [ID=2227]	Verification Test [ID=2227]	Passed [ID=2227]
		Specification [ID=2221]	There shall be the option to subscribe via SMS notifications by clicking an "SMS" box for selection [ID=2221]	If the SMS Box is Selected, SMS notifications are received from each for the subscribed Government Agencies [Run SMS Battery Test Grid] [ID=2229]	Verification Test [ID=2229]	Passed [ID=2229]
		Specification [ID=2223]	There shall be the option to subscribe via push notifications by clicking a "PUSH" box for selection [ID=2223]	If the PUSH Box is Selected, PUSH Notifications are received from each for the subscribed Government Agencies [Run PUSH Battery Test Grid] [ID=2231]	Verification Test [ID=2231]	Passed [ID=2231]
		Specification [ID=2233]	Both Email and SMS options are selectable [ID=2233]	If the Email Box and SMS box are Selected, Emails and SMS are received from each for the subscribed Government Agencies [Run Email+SMS Battery Test Grid] [ID=2241]	Verification Test [ID=2241]	Passed [ID=2241]
		Specification [ID=2235]	Both Email and PUSH options are selectable [ID=2235]	If the Email Box and Push box are Selected, Emails and Push are received from each for the subscribed Government Agencies [Run Email+Push Battery Test Grid] [ID=2243]	Verification Test [ID=2243]	Passed [ID=2243]
		Specification [ID=2237]	Both SMS and PUSH options are selectable [ID=2237]	If the SMS Box and Push box are Selected, SMS and Push are received from each for the subscribed Government Agencies [Run SMS+Push Battery Test Grid] [ID=2245]	Verification Test [ID=2245]	Passed [ID=2245]
		Specification [ID=2239]	SMS and PUSH and Email options are selectable [ID=2239]	If the SMS Box and Push box and Email Box are Selected, SMS and Push and Email are received from each for the subscribed Government Agencies [Run SMS+Push+Email Battery Test Grid] [ID=2247]	Verification Test [ID=2247]	Passed [ID=2247]
Requirement: Administration						
The Administrator shall be presented with a administration page. [ID=2263]	Business Requirement [ID=2263]			Login in as administrator presents an administration page. [ID=2269]	Verification Test [ID=2269]	Passed [ID=2269]
		Specification [ID=2265]	There shall be private (not visable to the user) administration page [ID=2265]	Login as a user does not allow visibility to administration page. [ID=2271]	Verification Test [ID=2271]	Passed [ID=2271]

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The Administrator Credentials are set separately (not visible to users). [ID=2275]	Business Requirement [ID=2275]	Specification [ID=2273]	The Administrator shall receive from SPK a private Administration Credentials (default provided in documentation/installation) [ID=2273]	The administrator credentials are published with prototype in Installation/Documentation [ID=2277]	Verification Test [ID=2277]	Passed [ID=2277]
The Administrator shall be able to manage existing users [ID=2293]	Business Requirement [ID=2293]	Specification [ID=2295]	The administration shall be able to view all existing subscribed users [ID=2295]	Show Users presents a List of all subscribed users [ID=2305]	Verification Test [ID=2305]	Passed [ID=2305]
		Specification [ID=2297]	The administration shall be able to remove any subscribed user [ID=2297]	A Selected User is deleted from the system [ID=2307]	Verification Test [ID=2307]	Passed [ID=2307]
		Specification [ID=2299]	The administration shall be able to change the password of any subscribed user [ID=2299]	A Selected User's Password is updated. [ID=2309]	Verification Test [ID=2309]	Passed [ID=2309]
		Specification [ID=2301]	The administration shall be able to change the email of any subscribed user [ID=2301]	A Selected User's Email is updated [ID=2311]	Verification Test [ID=2311]	Passed [ID=2311]
		Specification [ID=2303]	The administration shall be able to change suscribed alerts of any user [ID=2303]	A Selected User's Notifications are updated [ID=2313]	Verification Test [ID=2313]	Passed [ID=2313]
		Specification [ID=2315]	For A User, The Administration can see User Email, Password and Subscribed Alerts [ID=2315]	A User profile is presented with User Email, Password (Encrypted), and Subscribed Alert Notifications [ID=2317]	Verification Test [ID=2317]	Passed [ID=2317]
The Administrator shall be able to manage available government agencies available for user registration [ID=2279]	Business Requirement [ID=2279]	Specification [ID=2281]	The Administrator shall have a page listing all publicly available alert sources [ID=2281]	The Administration Page lists all publicly available alert sources [ID=2283]	Verification Test [ID=2283]	Passed [ID=2283]
		Specification [ID=2285]	The Administrator shall have an "Add Alert" input section to add addition Public Alert Sources [ID=2285]	An "Alert Source" is added and made public via the add alert input section [ID=2287]	Verification Test [ID=2287]	Passed [ID=2287]
		Specification [ID=2289]	The Administrator shall be able to select an existing Alert and delete it from the available public availability [ID=2289]	An "Alert Source" is deleted and removed from public availability [ID=2291]	Verification Test [ID=2291]	Passed [ID=2291]
The Administrator shall be able to visualize the data [ID=2323]	Business Requirement [ID=2323]	Specification [ID=2319]	Visualization Stub [ID=2319]	Visualization Test Stub [ID=2321]	Verification Test [ID=2321]	Passed [ID=2321]