

ID	TEST SCENARIO	TEST STEP	EXPECTED RESULT	ACTUAL RESULT	STATUS
1	Start local server in order to host the PWA	1. Open terminal 2. Navigate to project directory 3. Run 'http-server'	Server starts without errors.	Server starts without errors.	pass
2	Start page shows that no entries are available	1. Open browser 2. Navigate to local server URL	Start page loads and displays message "No entries found in the database."	Start page loads and displays message "No entries found in the database."	pass
3	Categories page shows that no entries are available	1. Click on "Categories" in menu	Categories page loads and displays message "No entries found in the database."	Categories page loads and displays message "No entries found in the database."	pass
4	Manage page shows that no entries are available	1. Click on "Manage" in menu	Manage page loads and displays message "No entries found in the database."	Manage page loads and displays message "No entries found in the database."	pass
5	Try to add a new entry	1. Click "Add Q&A" on Manage page	Popup shows message to add a category first	Popup shows message to add a category first	pass
6	Add two categories	1. Click on "Categories" in menu 2. Click "Add Category" 3. Enter value in field "Category name" (first time "Science", second time "Literature") 4. Pick a color (first time blue, second time yellow) 5. Click "Save" 6. Repeat for second category	Two categories are added and displayed as accordion elements. The accordion element of category "Science" is colored in blue. The accordion element of category "Literature" is colored in yellow.	Two categories are added and displayed as accordion elements. The accordion element of category "Science" is colored in blue. The accordion element of category "Literature" is colored in yellow.	pass
7	Add four Q&A entries, two for each category	1. Click "Add Q&A" on Manage page 2. Enter value in field "Question" ("Symbol for water?", "Red Planet?", "Author of 1984?", "Holmes' creator?") 3. Enter value in field "Answer" ("H2O", "Mars", "George Orwell", "Arthur Conan Doyle") 4. Choose vale from the list in field "Category" ("Science", "Science", "Literature", "Literature") 3. Click "Save" 4. Repeat for rest three entries	Four Q&A entries are added and displayed as accordion elements. The accordion elements of questions "Symbol for water?" and "Red Planet?" are colored in blue. The accordion elements of questions "Author of 1984?" and "Holmes' creator?" are colored in yellow.	Four Q&A entries are added and displayed as accordion elements. The accordion elements of questions "Symbol for water?" and "Red Planet?" are colored in blue. The accordion elements of questions "Author of 1984?" and "Holmes' creator?" are colored in yellow.	pass
8	Search for Q&A	1. Enter "1984" in search bar	The question "Author of 1984?" is shown.	The question "Author of 1984?" is shown.	pass
9	Edit one of the categories	1. Click on "Categories" in menu 2. Click "Edit" on "Science" category 3. Change color to green 4. Click "Save"	The accordion elements of questions "Symbol for water?" and "Red Planet?" are colored in green.	The accordion elements of questions "Symbol for water?" and "Red Planet?" are colored in green.	pass
10	Check if color for Q&A is changed	1. Click on "Manage" in menu	Q&A entries associated with the edited category reflect the new color.	Q&A entries associated with the edited category reflect the new color.	pass
11	Delete category	1. Click on "Categories" in menu 2. Click "Delete" on "Literature" category 3. Confirm deletion	The accordion elements of category "Literature" is not there	The accordion elements of category "Literature" is not there	pass
12	Verify deletion of associated Q&A entries	1. Click on "Manage" in menu	The accordion elements of questions "Author of 1984?" and "Holmes' creator?" are not there.	The accordion elements of questions "Author of 1984?" and "Holmes' creator?" are not there.	pass
13	Delete the remaining Q&A entries	1. Click "Delete" on each remaining Q&A entry 2. Confirm deletion	Message "No entries found in the database." is shown.	Message "No entries found in the database." is shown.	pass
14	Verify remaining category	1. Click on "Categories" in menu	The accordion element of category "Science" is there.	The accordion element of category "Science" is there.	pass
15	Import example data set	1. Click on "Backup" in menu 2. Click "Use example data set" 3. Confirm import 4. Click on "Questions & Answers" in menu	The questions from the example data set are displayed.	The questions from the example data set are displayed.	pass
16	Connect to backup server	1. Click on "Backup" in menu 2. Click "Connect to Backup Server"	"Connection failed" message is displayed	"Connection failed" message is displayed	pass
17	Start the backup server	1. Open terminal 2. Start Rust backup server	Server starts without errors, ready to accept connections.	Server starts without errors, ready to accept connections.	pass
18	Connect to backup server again	1. Click on "Backup" in menu 2. Click "Connect to Backup Server"	"Connection successful" message is displayed	"Connection successful" message is displayed	pass

19	Verify no backup found on server		"No backup on the server found" message is displayed	"No backup on the server found" message is displayed	pass
20	Make backup	1. Click "Upload Backup" on Backup page	Backup is uploaded successfully, date of last backup is updated	Backup is uploaded successfully, date of last backup is updated	pass
21	Delete all categories	1. Click on "Categories" in menu 2. Click "Delete all entries" 3. Confirm deletion	Message "No entries found in the database." is shown.	Message "No entries found in the database." is shown.	pass
22	Import backup from server	1. Go to Backup page 2. Click "Connect to Backup Server" 3. Click "Use Backup" 4. Confirm import 5. Click on "Questions & Answers" in menu	The questions from the backup are displayed.	The questions from the backup are displayed.	pass
23	Switch to dark mode	1. Go to browser settings 2. Enable dark mode	Website switches to dark mode.	Website switches to dark mode.	pass
24	Install the PWA	1. Click on install prompt in browser	PWA is installed on the device.	PWA is installed on the device.	pass
25	Stop the local server	1. Stop http-server in terminal	Local server stops.	Local server stops.	pass
26	Verify offline availability	1. Close browser 2. Reopen PWA from installed app	PWA and data are available offline.	PWA and data are available offline.	pass
27	Verify mobile version of the website	1. Open browser's developer tools 2. Switch to mobile view 3. Navigate through each page of the website	Website switches shows the content appropriately for a mobile device.	Website switches shows the content appropriately for a mobile device.	pass