

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.		
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."		
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."		
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."		
5	Try to add a new entry	1. Click "Add Q&A" on Manage page	Popup shows message to add a category first		
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.		
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.		
8	Search for Q&A	1. Enter "1984" in search bar	The question "Author of 1984?" is shown.		
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.		
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.		
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		
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.		
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.		
14	Verify remaining category	1. Click on "Categories" in menu	The accordion element of category "Science" is there.		
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.		
16	Connect to backup server	1. Click on "Backup" in menu 2. Click "Connect to Backup Server"	"Connection failed" message is displayed		
17	Start the backup server	1. Open terminal 2. Start Rust backup server	Server starts without errors, ready to accept connections.		
18	Connect to backup server again	1. Click on "Backup" in menu 2. Click "Connect to Backup Server"	"Connection successful" message is displayed		
19	Verify no backup found on server		"No backup on the server found" message is displayed		

20	Make backup	1. Click "Upload Backup" on Backup page	Backup is uploaded successfully, date of last backup is updated		
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.		
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.		
23	Switch to dark mode	1. Go to browser settings 2. Enable dark mode	Website switches to dark mode.		
24	Install the PWA	1. Click on install prompt in browser	PWA is installed on the device.		
25	Stop the local server	1. Stop http-server in terminal	Local server stops.		
26	Verify offline availability	1. Close browser 2. Reopen PWA from installed app	PWA and data are available offline.		
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.		