**TEST SUITE**

Version 2.0

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**Campus Tour Software**

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# **Introduction**

The Test Suite has been created in conjunction to the test plan for campus tour application. This document will clearly identify what the test deliverables will be and the desired results and results obtained

**Test Cases and Results Log:**

Glossary: University DBA – Database administrator

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Suite No.** | **Test-case** | **Interface** | **Expected Result** | Final Result |
| 1 | Dropdown should enable user to select a campus | Launch Screen | Selected campus name should appear in the screen | PASS |
| 2 | After selecting the campus and clicking on submit should load home screen | Launch Screen | Home screen should be launched | PASS |
| 3 | Physical tour the application should navigate user from one building to another giving voice assist on details of points of interest along the path like approaching buildings, any monuments and current news. | Map Interface | Should navigate to correct building and voice assist should be giving out correct dialogues | PASS |
| 4 | Virtual Tour should display the campus over view | Map Interface | Should map all the points of interest In the preplanned tour | PASS |
| 5 | Virtual Tour should display the campus over view | Map Interface | Selected campus should be drawn over the map, not other campuses | PASS |
| 6 | The campus area would be retrieved as GPS coordinates with each building as subset within this area. | Map Interface | Retrieved coordinates should map to the intended location and to that location only | PASS |
| 7 | The QR Scan should fetch details of the building | QR Scan Screen | Detailed information and pictures of the building scanned should be displayed. | PASS |
| 8 | The application should let the user decide the starting point of the tour | Map Interface | Should not start tour until start tour is clicked | PASS |
| 9 | The application should let the user decide the starting point of the tour | Map Interface | Tour should start from the nearest location | PASS |
| 10 | The Application should direct the user to the Building’s QR code location | QR Scan Screen | Building and QR should match, should not show QR of one building and take to another building | PASS |
| 11 | The main route of the tour will be dependent on the campus. | Application | The Tour of the selected campus should be loaded not other campuses | PASS |
| 12 | User clicks on Scan QR | Action Bar | Camera should be launced | PASS |
| 13 | Scanned QR should point to correct building | Details Screen | Only scanned building's data should be retrieved | PASS |
| 14 | QR Code is placed outside all the buildings on campus. | Application Context | QR Code should be present outside building | PASS |
| 15 | QR code should belong to the building it is glued to | Application Context | QR code details and GPS coordinates should match | PASS |
| 16 | The application should detect the internet connectivity | Application Context |  | PASS |
| 17 | If the user chooses virtual tour then the application would launch virtual tour interface | Map Interface | Virtual Tour interface should be launched | PASS |
| 18 | The DBA user interface would be a Web based | DBA Interface | Should open in any web browser | PASS |
| 19 | Once Tour ends Route taken should be drawn | Map Interface | Only the route taken should be drawn | PASS |
| 20 | Only Super user can delete university | DBA Interface | University DBA should not be able to delete themselves | PASS |
| 21 | user clicks on Scan QR | DBA Interface | Only the DBA's university data should be displayed | PASS |
| 22 | University DBA Clicks on Forgot Password Link on the DBA Interface | DBA Interface | Forgot password interface should be displayed | PASS |
| 23 | Resets Password | DBA Interface | Password should be changed | PASS |
| 24 | dynamic route path for other universities | Map Interface | Route should produce dynamically without the predefined for all the universities | FAIL |
| 25 | Connecting to Optional Building | Map Interface | When user is near around the optional buildings, it gives the optinal route to the building | FAIL |
| 26 | Admin Login to the application with the valid username and password | Web Interface | Admin would be able to login successfully with given username and password | PASS |
| 27 | Adding University to the webpage to display in the application dropdown | Web Interface | Admin can add university by giving building name, and its coordinaties | PASS |
| 28 | Edit existing University to the dropdown | Web Interface | Admin can edit Exisisting university details | PASS |
| 29 | User Login to the web application with valid credentials | Web Interface | user can able to login into Website with credentials given by admin create while adding university | PASS |
| 30 | Add Building details to the webpage to display in the map and to define a route to them | Web Interface | user can add buildings into the universtiy by giving its details like coordinates, images, etc | PASS |
| 31 | Tour route configuration for the new building | Web Interface | can define specific route in the university to convert all the buildings | PASS |
| 32 | Edit Building details in the application to change the audio video and the coordinates | Web Interface | can edit existing building | PASS |
| 33 | Delete Building details from the application so that it changes the route of the map. | Web Interface | can delete building from the university along with its details | PASS |
| 34 | Edit images while editing existing building | Web Interface | should take new images while editing building details | FAIL |
| 35 | manage Users to add details | Web Interface | admin would be able to manage existing users | FAIL |
| 36 | printing QR codes from the application | Web Interface | can print each QR code for building | PASS |