# **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

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| **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 | TBD (to be determined) |
| 2 | After selecting the campus and clicking on submit should load home screen | Launch Screen | Home screen should be launched | TBD |
| 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 | TBD |
| 4 | Orientation of Map | Map Interface | Map orientation and mode should be same as set preferences ( North facing/ Satellite mode or Terrain view etc) | TBD |
| 5 | Virtual Tour should display the campus over view | Map Interface | Should map all the points of interest In the preplanned tour | TBD |
| 6 | Virtual Tour should display campus overview | Map  Interface | Should show building details once clicked on a marker in points of interest | TBD |
| 7 | Virtual Tour should display the campus over view | Map Interface | Selected campus should be drawn over the map, not other campuses | TBD |
| 8 | Virtual Tour should display the campus over view | Map Interface | Should load images and audio data | TBD |
| 9 | 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 | TBD |
| 10 | The QR Scan should fetch details of the building | QR Scan Screen | QR camera should be able to identify the code scanned | TBD |
| 11 | The QR Scan should fetch details of the building | QR Scan Screen | Detailed information and pictures of the building scanned should be displayed. | TBD |
| 12 | Overview and status screen | Map Interface | Should show areas covered and remaining areas to be covered | TBD |
| 13 | The application should let the user decide the starting point of the tour | Map Interface | Should not start tour until start tour is clicked | TBD |
| 14 | Voice Assist should be accurate | Voice Assist | Should take to correct destination | TBD |
| 15 | The application should let the user decide the starting point of the tour | Map Interface | Tour should start from the nearest location | TBD |
| 16 | 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 | TBD |
| 17 | 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 | TBD |
| 18 | User clicks on Scan QR | Action Bar | Camera should be launched | TBD |
| 19 | Scanned QR should point to correct building | Details Screen | Only scanned building's data should be retrieved | TBD |
| 20 | QR Code is placed outside all the buildings on campus. | Application Context | QR Code should be present outside building | TBD |
| 21 | QR code should belong to the building it is glued to | Application Context | QR code details and GPS coordinates should match | TBD |
| 22 | The application should detect the internet connectivity | Application Context | Internet should be connected | TBD |
| 23 | If the user chooses virtual tour then the application would launch virtual tour interface | Map Interface | Virtual Tour interface should be launched | TBD |
| 24 | The DBA user interface would be a Web based | DBA Interface | Should open in any web browser | TBD |
| 25 | Once Tour ends Route taken should be drawn | Map Interface | Only the route taken should be drawn | TBD |
| 26 | Only Super user can delete university | DBA Interface | University DBA should not be able to delete themselves | TBD |
| 27 | When University DBA logs in they should see only their university's data | DBA Interface | Only the DBA's university data should be displayed | TBD |
| 28 | University DBA Clicks on Forgot Password Link on the DBA Interface | DBA Interface | Forgot password interface should be displayed | TBD |
| 29 | Reset Password | DBA Interface | Password should be changed | TBD |