***Test Plan***

**Introduction:**

The Particular user who starts the campus tour of particular university gets the audio guidance and photos interaction through which he can better habituate to the campus life.

**Scope:**

The main objective is providing a campus tours for the user for particular selected university through he can get to know the details of building by scanning QR code of specific building.

**Test Strategy:**

There are few test cases need to be implemented before the app launches, there are listed below:

* Initially to load the campus map view, the user must enter the desired campus and he would also able to get the data downloaded from the server for the particular campus.
* To ensure while the user in virtual tour, can he fetches the appropriate data of that particular building.
* When the user in the campus tour, if he is diverting from the actual directed path then he must alert to get back into the actual route and tour must be resumed from the last point.
* Need the check whether the user data enabled during the campus tour, if not or interrupted, then he must alert to check the data connection.
* Check whether the user is scanning the appropriate QR of the building, and displaying the data with audio feedback.
* If the user is between he should direct one QR code of one of those building, next direct him to towards another building.
* In offline mode (in case data is not available), still the user would able to get over view of the campus and points of interest.

**Environment Requirements:**

**Our project Campus tour app runs on Android Smart phone, with data enabled, turned on the GPS functionality, and Google Maps Compatible version.**

**Test Schedule:**

**We, all of our team working on Requirements gathering, SRS documentation, Client Requirement Satisfaction, We haven’t started coding our app yet. Once we do, we schedule this test plan accordingly.**

**Control Procedures:**

**All of our team members working on different tasks and integrating them at particular scheduled points, so that we can discuss and can plan for future development of the app, we organize them as following.**

* Reviews:

We individually review the each part and comment them for better enhancement.

* Review meetings:

Of course there is necessity of discussing on those review and fix if any errors occurred and change the way of app(like UI) for better user understanding and app performance.

* Change Request:

We need to check with Client Requirements regularly whether we are developing the app accordingly or not, if not change them as per the client request.

* Defect Reporting:

While using the app, if any defect is occurred, user can report this defect at the instance to the developer team with the details steps how he encountered that defect.

**Deliverables:**

A Bug free and well functioned app with fully equipped functions (like Audio, Photo interaction).