

Case Study 2 – Mobile Application

A Fortune 200 company

Domain: Travel

Project Description:

TravelApplication is an Android application, which helps a traveler plan his travel better. The application runs on Dual Screen Lifetouch – W Cloud Communicator NEC tablet device. It gives a traveler, information about his itinerary while visiting a particular city. Information about the hotels and places of interest in the city is also shown, and marked on a map for reference. Also, tools like World Clock, Currency Converter and access to social networks like Facebook, Twitter is included inside the application. Further, emergency contacts of various life saver services, and help information about the application is also included. The application includes a reminder utility, which enables a user to set a reminder along with a message. The application can be used in an offline mode on the device, and data is synced with the server automatically when a network connection is available.

VOW's responsibilities:

- Functional and Non-Functional requirements analysis
- Technical analysis, architecture and application design.
- Suggest new ideas for the application
- Programming the application

Android Components Used:

- ORMLite framework, for mapping to the local database on the android device.
- Gson framework for parsing JSON data.
- Simple XML framework for parsing XML data.
- Google maps and Open street maps for displaying places (like Hotels, Places of Interest) marked on maps inside the application.