

# CSL707 - ASSIGNMENT #6

Submitted By:

Deepak Chawla(2012csb1010)  
Kaushal Yagnik(2012csb1039)  
Aniket(2012csb1006)

# Design of the Solution

We have implemented the service of checking booking status .

## **App side :**

Every time an SMS is received (broadcast receiver handles this service), its parsed and the booking id received is checked via HTTP POST request on the server and correspondingly whatever the entry is in the database its status is returned .

In case of flooding of SMSes , a queue is maintained for HTTP POST requests and this is done by using the valley.jar file and API calls to that file .

Also the message received is stored in the database in order to log the details about operation invocations in a database table named users .

The application has to be set as default SMS application in order to delete the processed SMS from phone in order to prevent wasting disk space on phone .

## **Server side :**

Two tables have been put in the database (server side) .

One is to save the log details of the received messages and the other one is for checking booking status that is created by taking some random ids and statuses for checking the application

The server side is mainly done in php and MYSql .