**COMPUCOM TRACKER PRODUCT INTEGRATION**

**Product Integration Environment**

**Server side environment**

|  |  |
| --- | --- |
| Hardware | HP Intel Xeon X3430 @ 2.40 GHz  RAM 8GB |
| Networking | Development machines on domain through TCP/IP. |
| Server side tools | Windows 7  Webserver: Apache 2.2.17 Database: MySQL 5.5.8 Language: PHP 5.3.5 / JAVA Script / HTML  Android Studio |
| Infrastructure/Facility | Printer |

**Client side environment**

|  |  |
| --- | --- |
| Internet | Different browsers |
| Mobile | Testing on different mobile phones |

**Product Integration Procedure and Criteria**

**Server Side Procedure**

1. Copy folder "gps" to your server.

2. Open "includes/config.php" and edit $cfg['db\_server'], $cfg['db\_username'], $cfg['db\_password'], $cfg['db\_database'] to be your database details, and $cfg['site\_url'] to be the URL to the site with a trailing slash e.g. "http://www.jantv.in/gps/"

3. Open "includes/config.php" and set the "$cfg['googlemap\_api\_key']" variable to be your Google Maps API key (to obtain a key go to http://code.google.com/apis/maps/signup.html )

4. Import gpstracker.sql into your database

Note: database name = gpstracker

**Client side Procedure**

1. Install Compucom Tracker app using google play store

2. Enable location services and Internet

**Interface Descriptions**

**Interface Category**

1. Server side Interface

2. Client side Interface

**Server side Interface**

1. User Registration Interface
2. Tracker Registration Interface
3. Live Tracking Interface
4. History Tracking Interface
5. Dashboard/SMS/Notification Interface
6. Trip Report Interface

**Client Side Interface**

1. Android App (Basic) Interface
2. Notification Display Interface
3. SMS Integration Module

**Interface Management**

LIVE TRACKING

TRIP REPORT

HISTORY TRACKING MODULE

USER REGISTRARTTION

TRACKER REGISTRATION

MOBILE NOTIFICATION

SMS INTEGRATION

DASHBOARD FOR USER STATUS

MOBILE CLIENT

WEB SERVER

DATABASE SERVER

Vendor SIM

Google   
 API

**Assemble Product Components**

1. Get a server machine with 4 to 8 GB RAM
2. Install WAMP server
3. Copy gps folder in www directory
4. Create gpstracker database
5. On the client side, install compucom tracker app from google play store