Team 16

NGO Information Management System 1.0

Software Maintenance Responsibilities

Overview:

This plan is to provide an idea to the client what kind of technical maintenance support and up gradations will be available to him once the project is deployed.

Intended Audience:

- Client
- Mentor
- Business associates/ Investors

Revision History:

Version	Primary Author(s)	Reviewed By	Date Completed
1.0	Megha	Surbhi	9TH April 2012

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Project & Completion:

We, Team 16 from B.Tech 2009 batch of DA-IICT, have tried to make a complete standalone system for NGO data collection and quick information transfer, for the NGO to easily collect information and analyze and track progress of projects and campaigns.

Overall, we have made:

- Android Data Collection Application for NGO coordinators(For data entry and GPS location sensing)
    1. Login Page
    2. Family data collection/updating/viewing
    3. GPS facility for marking a new place in settlement (Social Mapping on server)
    4. Data collection/updating for "item distribution" by the NGO
    5. Transfer of data from android tab to NGO server.
- Server Web Information analyses platform for NGO administration
    1. Social Mapping (with markers and GPS location of specific places in every settlement)
    2. Login Page
    3. Project Timeline for tracking NGO progress
    4. Data analysis in form of bar graphs and tabular data for taluka, village, settlement , family
    5. Facility to change/add/delete coordinators from NGO list
    6. Facility to change password of coordinators

Maintenance Responsibilities Ahead:

Our team of developers will do the following functionalities to help the NGO work with the current system efficiently and do the following additions as well, which were required, without any cost:

- Software team will assist the NGO in hosting their site and configuring their devices with NIMS application to work with the server URL (not free, as space requirement is more than that available on free hosting servers) that their web hosting company would give.
- If there is any issue with the server side build behavior our team will be the interface between the NGO and web hosting firm.
- The users would be able to file bug reports in the following manner
    1. On the web interface- report an issue/ask for a feature link would be provided.

2. On Android, every time there are crashes, file a bug report dialogue would open up and when the coordinator clicks on it the report will be sent to the Android development team's mail box.

- Keeping a copy of server side data, for backup in case of crashes.
- Providing data security protocol for data on server and on transfer via GPRS through Android tab.
- Language Portability – Especially Gujarati in Android tab.

Our team will slowly come up with advanced versions of the project. These advanced versions will have the additional features like:

- Web platform with more features of searching other NGO's and connecting with them.
- Social Mapping on larger scale for all the locations the NGO is working for
- Compatibility of web platform with browsers other than Firefox
- More sophisticated maps of currently mapped locations as well as the ones being newly formed
- Any other work except family, mapping and item distribution to be added in the Android application, which is not mentioned by the NGO by far.