Restoration Reporting System

Senior Design

Team Members

Mike Tishman - mtishman2013@my.fit.edu - Software Engineering

Francis Darius - fdarius2014@my.fit.edu; Software Engineering

Ramon Almeida - ralmeida2013@my.fit.edu - Software Engineering

Milica Knezevic - mknezevic2013@my.fit.edu Computer Science

Faculty Sponsor : Dr. Heather Crawford

Goals and Motivations:

- Create an Application to replace a flawed reporting system.

- Reduce reporting errors and loss of data

- Make the overall reporting process simpler.

Tools - Technologies

- Android Studio: java, xml

- Android cellphones for testing

- Github or SVN for committing

Features

- Search and Filter with easy

- Retrieve and store data instantly and conveniently

- Offline Capabilities.

- Client Database

Technical Challenges

- Databases

- Mobile Development

- Security

- Data Synchronization

Milestone 1

❖ Task matrix for Milestone 1 (teams with more than one person)

Task	Francis	Mike	Milica	Ramon
Investigate/Select Tools	25%	25%	25%	25%
"hello world" examples/demos	25%	25%	25%	25%
Requirement Document	25%	25%	25%	25%
Design Document	25%	25%	25%	25%
Test Plan	25%	25%	25%	25%

Milestone 1 Continued...

❖ Investigate Mobile Development IDEs, Libraries and Frameworks, Various Databases and designing UI mockup.

❖ Setup development environment.

❖ Create Requirement Document

❖ Create Design Document

❖ Create Test Plan

Milestone 2

- ❖ Begin designing user interface

- ❖ Setup tables in database

- ❖ Implement various calls to the database (GET, DELETE, etc)

Milestone 3

- ❖ Syncing when WiFi or data is available