**PROJECT ORGANIZATION**

The team has six members: Issa Samake, Zach Danjeau, Jaquincy Nelson, Yee Wong, Brandin Jefferson, and Brian Okoye. Documentation will be handled by all team members by splitting the document evenly; the same approach has been decided for use with coding as well.

Responsibilities

Brandin Jefferson:

* Primary: User Interfaces
* Secondary: Database (File Storage), Program Documentation

Issa Samake:

* Database (Conversion), General Documentation

Zach Danjeau:

* Primary: Hardware (File scanning and conversion)
* Secondary: Database

Jaquincy Nelson

* Primary: Map construction (Map interface)
* Secondary: General Documentation

Yee Wong

* Database (Formatting/Skeleton), Program Documentation

Brian Okoye

* Team Contact, Database (Formatting/Skeleton)

These roles were chosen with each individual’s current skills in mind. If a team member had experience in a certain area, he was given a task that fit said experience. This lessens the work load by having each member only need to learn a new programming language, rather than several concepts at once. This will also allow more time for development outside of the planning stages.

**HARDWARE AND SOFTWARE RESOURCE REQUIREMENTS**

The hardware that will be used to carry out the development will be the computers in the CMPS lab, running on windows 7 virtual machine. Development will be also carried out on each group members individual personal laptops. Printers in the Cmps lab and other labs around U.L Lafayette campus will be used to print out documentation. We will use programming software as well as database software to implement code for the development. The Ide's will be used for interfacing and will be used alongside html script and databasing software. Ruby on the rail will be the programming language of choice as well as Mysql to help implement a database. Git will be used as a repository for the applications development. Web applications such as google doc. , and google hangout will be used as a means of communication for members within the group. Ul Lafayette email will be used to communicate with client when necessary. Facebook messenger, application will also be used for communication.

**EVIDENCE OF CONFIGURATION MANAGEMENT**

Git Repository: https://github.com/brandinjefferson/CMPS453-Docs

