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| Roaming Homies  IMY 320 Project Proposal |
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Roaming Homies  
Project Scope

August 9, 2016

## Team Members

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## Project Background and Description

As part of the IMY 320 curriculum, we were tasked with the creation of a website and android based mobile app for a local NPO of our choice which focuses on outreach programs to rural areas.

Our team came up with the concept of the Roaming Homes, a bus service for homeless and underprivileged people who need shelter. This shelter is in the form of repurposed buses which travel to various destinations during the day to allow people boarding and sits stationary at night to allow the homeless a place to sleep and keep off the dangerous streets.

Our task is to create a supporting website and mobile application so that the members and team of the Roaming Homes initiative can effectively communicate and handle administrative matters, as well as provide a means for them to publicize news and their efforts and to spread awareness of their many events and programs.

## Project Scope

This project will require the team to develop and create a website and mobile application that will be used to display events and information about the Roaming Homes initiative.

Our team will be involved in the development by means of design, layout, coding, testing, and final implementation through the use of multiple web development technologies such as PHP and MySQL for a login system, and many others as the timeline moves along.

The project will also require us to work together efficiently and effectively to produce the best quality of work possible.

## High-Level Requirements

The new system must include the following (Given by the client):

For the Website:

* A front page for news, stories and events
* An about page and an area to get contact information or contact forms
* A calendar system to show upcoming events and what is planned
* Administrative staff should be able to edit and create posts to display on the website and in the app
* Login system for Roaming Homes members
* Means of storing documents and files.

For the app:

* Login System for members
* A means of reflecting the content from the website, such as news.
* An announcement function to spread news to all those involved quickly and effectively.
* A calendar system similar to that of the website.

## Specific Exclusions from Scope

It was noted that some features were not required such as:

* An image gallery for the website
* A chat function for the mobile app.

## Affected Parties

The following peoples will be directly affected by use and implementation of the Roaming Homies system.

* General Public
* Homeless people
* Roaming Homies team and following

## Implementation Plan

By using a combination of the Agile and Parallel Tracks development methods we can ensure the project is completed on time and the products created comply with standards. By making use of already existing systems such as the Google Calendar API for the calendar and JavaScript libraries for the login system and contact forms or pages, we can create beautiful working systems easily and effectively.

## High-Level Timeline/Schedule

Week of 29 August – Demo of working website (alpha)

Week of 19 September – Demo of mobile interface (alpha), final website (beta)

Week of 10 October – Final website, mobile app mostly working (beta)

Final Presentation – End of Semester