EECS 118 Weekly Report

Week 9

Group name: My Hero on the Go

Group members: Quan Chau, Raul Madrigal, Jon Apostol and Ryan Morrison

# System Description

Our group is working on a native Android app running on Android Smartphone for My Hero. Our app will allow the user to do the following functions:

* Get the stories from MyHero.com
* Get the arts from MyHero.com
* Get the movies from MyHero.com

# Design

The system will include three main areas:

* An http server to serve the contents and receive uploaded content
* An Android software module to communicate with the HTTP server in both ways: receiving and uploading content
* An Android software module to display the received contents on the phone

# Division of Work

In order to complete the project, we divide the work in our group in the following fashion:

* Quan: implement the http server to feed and receive contents to the phone
* Raul: implement the Android module to communicate with Quan’s HTTP server
* Jon: implement the Android module to display stories and arts
* Ryan: implement the Android module to display movies

# Milestones

We divided the milestones into three main areas:

## HTTP Server:

1. Simple HTTP server that says hello world
2. HTTP server can feed the list of stories
3. HTTP server can feed the stories contents
4. HTTP server can feed the list of arts
5. HTTP server can feed the arts contents
6. HTTP server can feed the list of movies
7. HTTP server can feed the movie contents

## Android module to communicate with HTTP Server:

1. Phone could receive list and show contents of stories
2. Phone could receive list and show contents of arts
3. Phone could receive list and show contents of stories

## Android module to display the contents:

1. Phone could display list of stories
2. Phone could display content of stories
3. Phone could display list of arts
4. Phone could display content of arts
5. Phone could display list of movies
6. Phone could display content of movies

# Weekly progress

For week 9, we were able to achieve the following:

* Display the list of story categories nicely
* Display the list of story nicely
* Display the content of the story nicely
* Display the list of art medium nicely
* Display the list of artworks nicely
* Display the content of an art nicely
* Display the list of movie nicely
* Display the content of movie nicely

# Group Activities

During week 9, our group has a meeting to develop the project together. We have made substantial progress and finish most of the functions for the projects. We had some difficulties displaying the pictures and texts but the collective knowledge of our group was able to find the solution.

# Plan for next week

For week 10, we plan to finish up the program and write the report. We’ll spend time improving the GUI to be more user friendly and interesting. The final report shall contain UML structures of the classes/modules we used in the program as well as their detailed descriptions.