EECS 118 Weekly Report

Week 7

Group name: Anonymous

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 content from MyHero.com including stories, arts and movies
* Upload personal content to MyHero.com including stories, arts and movies
* Get a daily reminder of a random hero stories in the morning

# 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 and the daily reminder of a random hero story

# 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
8. HTTP server can receive stories and add to database
9. HTTP server can receive arts and add to database
10. HTTP server can receive movies and add to database

## 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
4. Phone could send the server a new story
5. Phone could send the server a new art
6. Phone could send the server a new movie

## 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 7, we were able to achieve the following:

* HTTP server could feed the list and contents of stories, movies and arts
* Android phone could receive the list and contents in raw format
* Android phone could display the list of stories and content of stories
* Android phone could remind user of something at 8am everyday

# Group Activities

In this week 7, our group had a meeting on Tuesday after class. We synchronize on what we had done and what had to be done. We also discussed the difficulties we met and the possible solutions for that. Jon asked everyone’s opinion on his design of the display of stories content and the list of stories.

# Plan for next week

For week 8, we plan to get the Android phone to display the list and contents of arts and movies.