**CMPT 470**

**Final Project - Pin It**

**Group - 03**

**Members**

Andy Chen

Sabrina Dalen

Aaqib Khorasi

Max Ou

Perry Tan

Steven Wong

**V 1.0 -** 2015/07/12

**Overview**

A virtual bulletin board functionally similar to its real­-world counterpart. Media content (e.g. Images, Text, Video) can be posted, updated, and shared between users. The posted content could be anything from event promotions, personal advertisements, local deals, etc. Selecting a post will display more information and allow a user to comment on it. Just like a real bulletin board, posts can overlap one another giving it a more organic “messy” look. Posts can be filtered with a tagging system.

**Technology stack**

Backend runs on Django​as the requirements for this is relatively straightforward. It’s just simple storing and retrieval of data. The primary challenge here would be the storage of media content. Socket.io​or django­websocket​may be used for a real time chat system.

Frontend has more challenges and requirements than the backend. The messy organic look is what defines a bulletin board. Achieving that look will be a significant requirement of the project. The media­ focused nature of the project will also require significantly more than just simple HTML/CSS manipulations. jQuery​and AngularJS​can be used to achieve this. Bootstrap​will be used for the styling of the website.

**Standards**

Naming Conventions

**Member Responsibilities**

**Website Design/Appearance**

Max

**Website Functionality**

**Master Page -** Max

**Users -** Andy

**Boards**

**Public -** Steven

**Private -** Sabrina

**Posts -** Aaqib

**Database & Model Design**

Perry

**Server Management**

Perry

**Processes**

**User Processes 1.0**

User Attributes: Username, Email, Subscription List, Friend List

**Create User (H)**

**Add Friend (L)**

**Send Message (L)**

**Edit Account Details (M)**

**Send User Alert (L)**

**Display User Profile (M)**

**Board Processes 2.0**

Board Attributes: User(s), Post(s), Type, Board Image/Background

**Create Board (H)**

**Remove Board (M)**

**Add User to Board (M)**

**Filter Board (M)**

**Display Board Listing (H)**

**Display Board (H)**

**Post Processes 3.0**

Post Attributes: Title, Image(s), Description, Owner, Board, Score, Type, Date Created, Date Posted

**Create Post (H)**

**Post Post to Board (H)**

**Edit Post (M)**

**Upvote Post (M)**

**Downvote Post (M)**

**Display Post (H)**