**Requirements**

**Advanced Software Engineering – COMS W4156**

**Team Name:** PurplePoster

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**Requirements (Use Cases)**

1. Reporting Film Locations: Priority – High

Users are allowed to report film locations they have discovered (i.e., discovered by seeing a purple poster). Users can do this by going to the PurplePosters website and entering information related to the purple they found.

1.1 Reporting the Film's Pseudonym/Name: Priority – High

Users are allowed to enter on the website the name of the film that appears on the purple. Note that this might actually be a code name, and not the film's actual name.

1.2 Reporting the Filming Time/Date: Priority – High

Users are allowed to enter on the website the time in which the filming will occur.

1.3 Reporting Other Information: Priority – Medium

Users are allowed to enter on the website other information related to the film site and/or purple poster. For example, information such as actors/actresses, the real name of the film (if a pseudonym was being used), directors, etc.

2. Viewing Information on Film Locations: Priority – High

Users are allowed to view information on film locations via the website. For example, the users can see information that has been uploaded by other uses, such as a film's name, film's location, time/date of filming, etc.

2.1 Viewing locations of films currently being shot: Priority – High

Users are allowed to view locations of films being shot currently (reported by peer users)

2.2 Viewing locations of films shot in the past: Priority – Medium

Users can view a list of past locations at which movies have been filmed.

3. Viewing extra data from external sources: Priority – Medium

When viewing information about a film site, users can also see ancillary information that has been automatically downloaded from external sites (i.e. Rotten Tomatoes, imdb). This information can include information such as actors, actresses, release dates, directors, or any other information that might be available.

4. Creating an Account: Priority – Medium

Users can go to the website and register for an account. Registering for an account is required before a user is allowed to enter information regarding a film location.

4.1 User profile: Priority – Medium

User creates profile with preferences, locations

4.2 User preferences Priority - Medium

User can create watch alerts for movies, favorite actor/actress, Location alerts (user can tag nearby areas)

4.3 User networking Priority - Low

User will be able to add/follow other users. Add rating to quality of information provided by other users and have social networking capabilities.

4.4 Profile customization Priority - Low

User can chose/create themes, add custom settings to their profile homepage

5. User Comments: Priority – Low

Users can add comments regarding on a film, experience etc.

5.1 Pre/Post Comments Priority - Low

User can add comments/information on the notices prior/post to their experience. location comments, filming crew comments, what to look for etc.

5.2 Submit pictures Priority - Medium

User can submit pictures of filming/actors.

6. Search Features: Priority – Medium

Users can search for film locations using the website's search engine. Users can search by criteria such as film name, film location, date, actor/actress, etc.

6.1 Search by film name: Priority – Medium

Users can search for locations a particular movie was filmed at.

6.2 Search by current location: Priority – Low

Search for all movies filmed around your particular location

7. Alert Features: Priority – Medium

Users can set up alerts (e.g., to their registered email account) notifying them when a film location of interest has been added. The user can specify criteria for creating these alerts, such as actors/actresses of interest, locations, etc.

7.1 Current filming Geo Alerts: Priority – Low

A users is notified when they are physically within a certain range of a film location of interest. This user story requires exporting the website to a mobile app.

7.2 Famous filming locations Alerts: Priority – Low

Users are alerted about nearby locations where popular/highly rated movies were filmed in the past.

8. Facebook Integration: Priority – Low

8.1 Login with Facebook Priority – Low

8.2 Post to user’s wall Priority – Low

When user post’s something filming, post it to their wall.

**Work Breakdown and Schedule**

See JIRA

**Chosen Component Model Framework**

Purple poster is a website built on the Django framework with python. The system will be multi-platform. This framework was chosen since it allows us to easily and quickly develop a multi-tier architecture website.

**Controversies**

None. Everyone agreed on all aspects of the design and project.