**Project Concept**

**Advanced Software Engineering – COMS W4156**

**Team Name:** PurplePoster

**Team Members:** Abhas Bodas (ab3599@columbia.edu)

Jared Pochtar (jrp2181@columbia.edu)

Maria Taku (mat2185@columbia.edu)

Suhan Canaran (sc3055@columbia.edu)

**Date:** September 20, 2012

**Basic Concept:**  Our system will allow users to keep track of and be alerted to movies and shows that are being filmed in the NYC area. Like GasBuddy, our system would rely on users posting sightings of the purple posters announcing filming in the area. Our system could then use the Open Data from RottenTomatoes.com to pull ancillary information such as actors, genre, etc., related to this film specified on the poster. This data would be used to alert other users who are interested in movies matching certain criteria that a movie they might be interested in is filming near them.

Although we would likely set up our first prototype as a web application, this idea could eventually be migrated into a mobile application. The system could also optionally include features such geofencing to alert users when they're within a few blocks of something filming. Another optional add-on could be adding user alerts, such as alerting a user when a favorite actor is filming in the area.

**Controversies:** The only current controversy is whether or not we’d be able to submit our project for SCORE. Since one of our team members in high school, we may not be eligible for applying to this contest.