Pseudocode for final project: pic Pick

Program takes in:

From user computer:

Location

Date

Time

From ?

**Movie times in a certain location parameter**

(possibility: google.com/movies – map view to get location – but when I put in my zip returned no results – seems like you have to put in an exact zip to get results)

(possibility: fandango – has manhattan, brooklyn, queens, Bronx, broken out by neighborhoods – this is probably defined by zip somewhere in the program, so could use zip for any location (or could very well not be defined because they’re counting on the person to click the neighborhood))

(NY times – can do by zip

-problem – want to do something like a few block radius in New York, since want to show movies “around me” – so, maybe use arrays of zips? – someone else has to already have done this

could just do ny times – set zip, then movies within a 5 mile radius, then (for new york, Brooklyn, Bronx) only take into account the first several listings, because the full five miles would take you too far afield

\*\*rotten tomatoes – has a sort for “movies near me” –already takes user location into account – and has their ranking on that same page. Would I be able to pull this filtered, responsive information? If so, would just be filtering time then sorting location. Could also possibly combine their rating with metacritic rating

From Rotten Tomatoes api info: In addition to our RSS feeds compiling Tomatometer and Critical Consensus summaries, webmasters can download text feeds that also include links to the reviews pages for our entire catalog of movies, movie showtime links, Certified Fresh flags, database IDs, and other data designed to help integrate our data with your website.

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From metacritic/rotten tomatoes

Reviews of movies pulled above

Action:

First, find all movies available within the following time frames

1. next half hour
2. next hour
3. next two hours

question – will the larger spans of time be inclusive, or will b) be, for example, movies starting between 30 minutes and an hour from now

Second action: rank available movies by rating from 1-10

Third: display ranked movies to user

(option – link back to metacritic or something to show what the movie is about? What if the user has never heard of the movie)

Question – if there’s one movie that’s in a lot of theaters and also very well ranked, app might show it over and over in the list and nothing or little else. Should it display anyway to give user location options? Or only show once? Ideal – have it on one line and show all locations.

Names

Picpick is taken

Picky, pickypic

Flick pick