

Problem set 3: Planning Your Web Application

Movie Diary

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1. Answer the following questions:

(a) What subject will people be able to learn in the community that you're building?

Information about Movies and their description, discussion between movie lovers, explore about new movies and so on.

(b) What do you want people to say about your service after a visit?

After a visit, they will at least find information about movies similar to their taste to watch in future because of our special feature – Movie Recommendation System
We would also want people to say that our Movie diary website is simple and pretty informative.

(c) What are the relevant distinct user classes?

People of any age who likes to watch movies

(d) What should a user on a mobile phone be able to do? Is there a scope for voice interaction?

User on mobile phone can at least comment, like, share or search for movie description

2. User Profiles

User Profile 1: Occasionally-Movie-Watcher



Name: Mr. John Smith

Age: 38, Married, 2 kids of 6 yrs old and 4 yrs old

Occupation: Managing Director of a company

Income: \$200,000/year

Address: New York

Short term goal: Searching for a movie to watch with kids on this coming Friday night

Long term goal: Is it appropriate for kids? Will the movie bore the adults?

Immediate Questions: Will the information about the movie true? Is the movie still available to buy?

Computer equipment: Windows tablet with access of internet wifi from his office

Experience with computer technology: Emails, Twitter, and Blog

User Profile 2 : Wanna-be-Movie-Critic



Name: Anna

Age: 15 years old

Occupation: High School student (no income, live with parents)

Short term goal

Search information for her technical writing project. She wants to write a review & short summary of the movie Romeo & Juliet.

Long term goal

Visit the website when wants to know other opinion about the movie and share about her opinion to criticize about movie & know that how many people like her entry and following to read her review

Immediate Question

Can I post anything without logging into my Facebook account? What are the alternative movies like Romeo & Juliet?

Computer equipment

Mac Book air with the access of internet from LAN cable

Experience with computer technology

Use word documents, Facebook, emails, Google +

User Profile 3: Movie-Lover



Name: Kate

Age: 25 years old, Single

Occupation: Employee in startup company.

Income: \$120,000/year

Short term goal

Post the title or picture after she watched a movie.

Long term goal

She want to have some memories about movies she watched such as when I watched this? , where I watched this? or whom I watched with?

Immediate Questions

Can I share what I wrote in Facebook? Can I hide some entry that I do not want other people to see?

Computer equipment

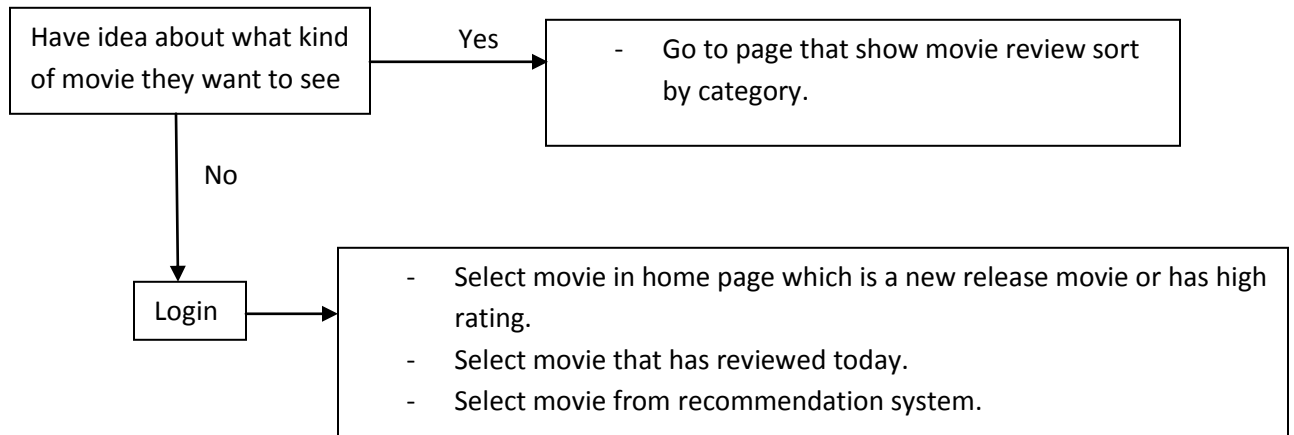
Laptop and mobile phone

Experience with computer technology

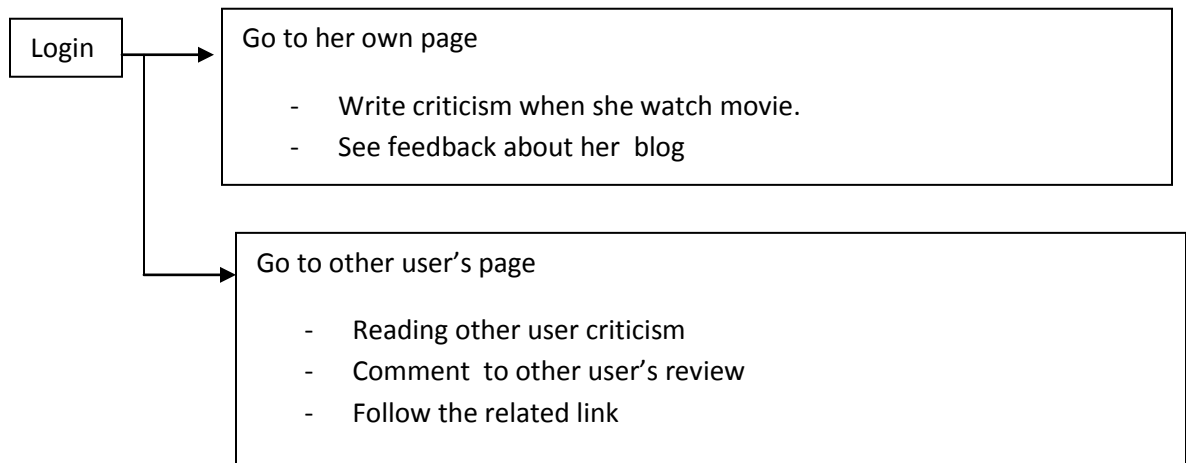
Facebook , twitter , Google+ , Instagram and many social network sites.

3. For each class of user identified in Exercise 1a, produce a textual or graphical usage scenario for how that user will experience your service.

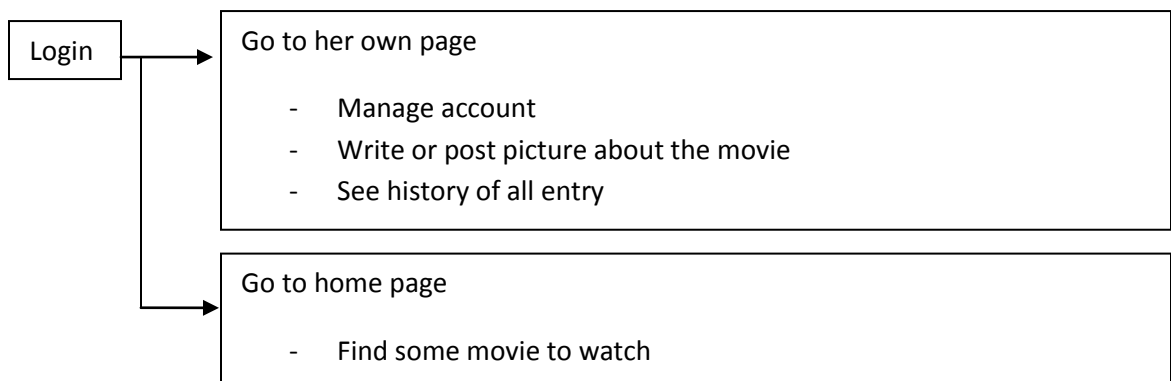
For Occasionally-Movie-Watcher:



For Wanna-be-Movie-Critic:



For Movie-Lover



4. Evaluate offline alternatives. You ought to have a good reason for building an information system. You need a convincing answer for why we need this system rather than a book, a pencil, and paper. Explain the available alternatives and explain the best features of these alternatives. Justify why your system is necessary.

In magazines, Journals and newspapers, they have a section about movies which include the summary of the movies, descriptions and also criticisms but they only have information about recent movies. Sometimes, the user would like to find information about some specific movie, then he/she can search on our website. It is hard to find required information depending on offline alternatives and also it takes lots of time. Therefore, people are now using many online sources to find their requirements.

In our websites, they can see reviews of other users or friends base on specific movie. This is not available in magazines or journals. . They can also interact with other users to broaden their perspective. Moreover, they may explore new movie that they should have seen by the recommended system that will analyze user personal interest and suggest the good movie to them. This website is built or movie watcher who want to keep these memory forever.

5. Evaluate online alternatives. Find the best existing online communities in your subject area. Note how closely they conform to the six elements of sustainability (magnet content, collaboration, searching and browsing capabilities, delegated moderation, means of removing bozos, and means for extending the community. Also write down anything strikingly good or bad about the registration process and the mechanisms of collaboration, e.g., in discussion forums, comments on articles, and chat rooms. Look for voice and mobile interfaces. If present, try them out. Look for evidence of personalization and direct controls over preferences.

There are many online alternatives that are similar to our website. Popular websites we found so far are IMDB.com, RottenTomatoes.com. There are common features of both of the websites, they can log in with Facebook, like or comment or share, create own watch list, can rate any movie, etc. However, in the webpages of the sites, there are too many information and many contents on single web page. It is good to have many features that a user can use, but it might confuse the user. In IMDB, any users can edit the specific information about movies by the approval of the IMDB admins but they cannot change the content on the web page. Both of the sites, does not provide chat rooms. In RottenTomatoes, if you are logged in with Facebook, you can your Facebook friends' activity on the website.

6. Identify where the magnet content for your system is going to come from.

1. Content from recommendation system: We will recommend movie to user base on user's personal interest. We can find this by analyze user's information and user's behavior when they using

our web. This recommendation system will make user open our web more often when they want to find some movie to see.

2. Content from user: User can find information about the movie in various point of view from magazines, by actually watching the movie and can post it on their own wall.

7. Decide on hostname and figure out DNS registration procedures. Be sure to look into the options for hosting of your web site. Ideally, you should all have a real hostname for your system, pointing to your CSIM server, by the end of the semester. At the end of the semester, you should also be ready to move your site of your project server to a more permanent home. Please include a plan for how you will do this. Note that AIT, CSIM, or AIT SU could probably be persuaded to host some of your groups' sites. Others would be more appropriately hosted offsite.

- 1 We have to buy hosting which support ruby on rails to store files of our web
- 2 To avoiding false domain name problem or expired domain name, we registered real domain name. In domain management system, it required information about dns sever which is url/ip of hosting.

8. Describe the intellectual property rights of you as developers, authors as contributors, and so on.

The content of website almost come from user who want to share an information with other. They can post a comment, criticism, poster or video clip as long as it is not illegal.

In developers view, we use some information from Facebook which provides API for developers to use it with permission from user.