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## **Final Project Proposal**

### **“Rate My Class”**

#### **Description:**

Our idea is to have a website that will give an opportunity to students to evaluate each informatics' course they have taken by their own opinion. Students can give a grade(1-5) and leave a comment for each informatics course they wish. Based on that, other students can evaluate the difficulty (there will be a chart or average difficulty rating) and decide what classes they should/shouldn't take together based on their own possibilities and circumstances in life. Students could also give some tips or help each other on the site, which would be really helpful.

#### **User Stories:**

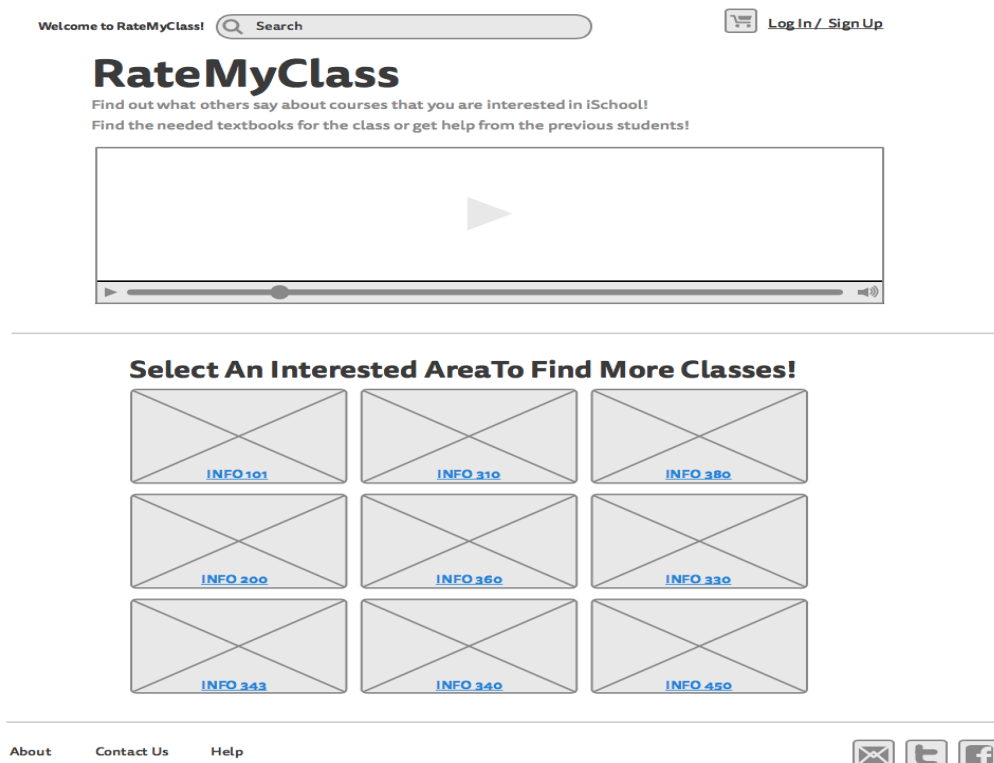
1. As a student who is more into design than coding, I want to get helps from others when taking a programming course so that I won't struggle so hard and still be able catch up with other students in my class.
2. As a student double major in CSE and Informatics, I want to see the structure of each class, so that I won't make the mistake of taking 3 project-based classes in one quarter and balance out my schedule with courses from both schools.
3. As a newly admitted informatics student I want to be able to see other informatics students opinion on classes so I can draw my own conclusion of which classes to take. I want it to be accessible so everyone could give feedback on a particular class
4. As a freshman, I want to explore different majors especially informatics, so that I can make up my mind on what I want to learn and do in the future.

#### **Q&A:**

- Who is the client or target audience of the project? Who will be using it?
  - Active undergraduate students will be our target.
  - At this point, mainly informatics students, but later will develop more to serve more students
  - Undergraduate students who have interests in informatics
- What is the purpose of your project? What will it allow people to do? What information will it communicate?
  - These students can use it to find classes they would like to take. Alternatively, when they are trying to build a schedule they will be able to balance difficult classes with easier classes.
  - By using the site, students can have more information about the course and see how previous students thought about the course and the professor.

- There will also be a tutorial page for each class, where people can update resources and ask questions to each others. In this way, students can have more helps and therefore they can do better in the course.
- Why are you creating this web project? How is it different or better from what already exists?
  - This does not currently exist. People try to make this work with RateMyProfessor.com, however it is difficult to gauge the difficulty of the class just based on the professor.
  - The description for the course on the official page is not very clear and doesn't have a lot details in it. So students have hard times understanding what the class is really about, and therefore they may not be able to find the most suitable class that they want.
  - This site probably will relieve some pressure off the advisors, since students can find out more course information on the site.
- What we will use for creating a website?
  - We will be using AngularJS and Firebase primarily. For the reviews, instead of using the infamous Raty, we will be using the UI Bootstrap that pairs well with AngularJS.
  - We might also use D3.js library to help create different visualization or charts so that data can be better presented
  - We will use mockingbird app for mock up, and then build our site based on the draft we came up.

## Mock Up:



This is the home page of our project. On this page, users can search a class on the top of the screen if they know the name of the course. If they are just wandering around, they can scroll down where there is a list of classes that are offered. By clicking on each class, users will go to a new page where they can find more information about that specific class. The footer of the page include links to different social networks, so users can share the information they found on this site to their friends.

There will also be a sign up page, which will look similar to the form we did for the past assignments, with input fields of names, email, major and passwords. In this way, we can better track our users and their activities.

Welcome to RateMyClass!

[Log In / Sign Up](#)

## Info 343 Client-Side Web Development

Introduction to client-side web development including markup, programming, protocols, libraries, frameworks, and techniques for creating effective, usable, dynamic, and responsive applications that meet user needs. Includes an introduction to web development roles within organizations, content management systems, and other tools to build and manage

Overall Rating For This Class

★★★★★

Grade Received

WORKLOAD

EASINESS

HELPFULNESS

Book pictures

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[Find Out More Tutorials or Get Help From Others](#)

Rate The Class

★★★★★

WORKLOAD

EASINESS

HELPFULNESS

GRADES

o.o

PROFESSOR

Leave More Comments For Future Students

Exams are hard

Participation matters

No exams

Need extra practices

Submit :)

★★★★★

Professor: Proem Ipsum

Helpfulness: 4 Workload: 5 Easiness: 2 Grades: 3.0-3.5

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Professor: Proem Ipsum

Helpfulness: 4 Workload: 5 Easiness: 2 Grades: 3.5 +

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No exams

Need extra practices

About

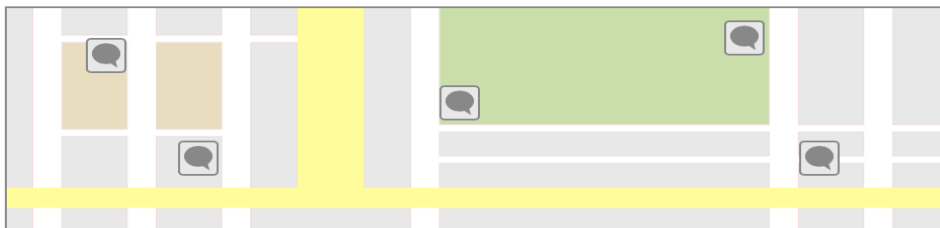
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the course, they can leave a comment about their experience. Besides giving overall ratings and scores for each sub categories, users can also add tags to their posts. So after they submit the comments, they will show up on the screen. Other users can scroll up and down to find information they are looking for. Users can also search comments for specific professor in the search bar on top of comments, so that they can get a better idea of that professor and the course. Users will be able to click the up and down buttons to vote whether the comment is helpful or not. The comments will be organized based on the votes or the time of submission. People who submit the comment can also delete their comment as well. There will also be a picture slides on top showing different textbooks needed for class, so users can click around to have a better sense of the class.

Welcome to RateMyClass!  [Log In / Sign Up](#)

## Info 343 Client-Side Web Development HELP



[Submit A Question](#)

[See Old Questions](#)

**Question:**

**Description:**

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**Location:**

## Other Good Resources



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On this page, people can get helps from each other. Once they submit a question, there will be a pop up box shown on the map. When people click on the box, it will show the questions and where that student is. So users can either help each other online or go find that person at the certain location. By clicking the tab 'see old questions', students can see old posts or conversations by other students and can see if there is any useful information to their questions. At the bottom, there will be several links to different resources, so users can just click on them to explore more things.