High Level Requirements

SCAT DAT COURSE!!!

<u>Fun Feature</u>
- Emoji endorsements for professors/classes
- Tag for worthwhile class
- Recommendation algorithm??

Other Features:
- Workload, difficulty, grading
- Student contribution score
- Upload syllabus
- Can only register with usc email

<u>Sorting Courses</u>
- By department AND by **GE requirement and Writing**
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Main screen:
- One search bar
- Add filters for search???
- Button to search by department

Search by department and GE requirements
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Course Explore Page
- Filters on the page

Login Screen:
- Stay signed in
- When they click on a feature that requires login (comment, etc), redirect them to a login page

Special Notes:
Tryhard, slacker, etc.
Course status (prereq, registered, etc.)

- Homepage

    Users will first see a search bar on the homepage. By typing course prefix and course number, users will be redirected to the course page once clicking search. If the course that the user searched does not match to any course in our database, user will be prompted "course doesn't exist" under the search bar. Search bar will also allow variations in the course prefix. For example, users can search by either CS 201 or CSCI 201L.
    Under the search bar, there will be a icon that links to the Course Exploration page.
    In the top right corner, there will be a icon that links to the login page.

- Course page
    A course will have three scores, workload, difficulty and grading toughness, each ranging from 1 to 5. There will be a list of student evaluations under the these three scores. Students evaluations can be sorted by year/term or usefulness or average score or instructor.
    There will be an Add Evaluation icon next to the course title. A pop up window will be shown to add evaluation if the user is logged in. If the user is not logged in, the user will be first directed to the login page.

- Add Evaluation pop-up window
    There will be a dropdown list for the student to select the year/term when the student took the course. There will be a dropdown list?? for the student to select the instructor. Students can select workload score, difficulty score and grading toughness score from 1 to 5 and make respective comments on those scores. There will be a textarea for professor evaluation and course evaluation. Students can upload syllabus. Students can also pick an emoji for the course.
- Course Exploration page
    This page will look similar to the web registration page. All course will be grouped by school and department. Users can filter the courses in a department page by many criterias.

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Deliverable 2
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Homepage (Main Search)

The first thing users will see once they visit the page is the homepage which will have a large search bar in the center. Users will be able to type the name of the course, its prefix and number, or some minor variations on this to search for a course. Matching courses will be listed under the search bar and can be clicked on to be expanded. Clicking on the course name will take the user to the Course Page. If no course matches the search result, the user will be asked if they want to add the course instead in a prompt such as, "The requested course does not. Help us by adding the course!" If the user decides to add the course, they will be navigated to the Add Evaluation Page. Additionally the homepage will have links to other, more specific kinds of search pages, which are the Search by Department Page and Explore Courses Page. The homepage will also have a link to the sign up/sign in page in the top right corner.

Course Page

A course will have multiple scores including difficulty, workload, enjoyment and value. These scores will range from 1 to 5. The score of the course will average the multiple scores, while weighting difficulty and workload inversely. The website will be scalable in the sense that the admins will easily be able to add other scores to the scoring system if they find a better scoring mechanism. Other information, including topics and professors will also be included. Users will also be able to upload documents from the course such as practice questions and notes to help other users. Most importantly the page will display a list of student reviews corresponding to the course. These reviews will be sortable by year/term, value, difficulty, workload, average score or instructor. There will be an Add Evaluation icon next to the course title. When clicked on, the link will navigate the user to the Add Evaluation page if the user is logged in. If the user is not logged in, the user will be first directed to the login page. Also, as a fun feature an emoji will be displayed next to the course title; this is explained more in the Add Evaluation Page. Additionally, if the user is signed in, the Course Page, will have a status displayed under the Course Title. This will tell the user if he/she is currently registered for the course, is not currently registered but has the necessary prerequisites, or still has to satisfy some prerequisites before taking this course. Furthermore, the Course page will also contain a link to page that includes the names and emails of students currently registered for that course. Finally, if a user is logged in, the Course Page will have an "Add Course to Wish List" option that will add the course to the user's wish list on his/her dashboard.

Add Evaluation Page

There will be a dropdown list for the student to select the year/term when the student took the course. There will also be a dropdown list for the user to choose a professor. The user will also have the option of choosing a new professor if the professor does not exist as an option. Students can select workload score, difficulty score and grading toughness score from 1 to 5 and make respective comments on those scores. Students can upload course syllabus if there is no syllabus provided for a term. Furthermore, there will be a text area for students to make more general comments on the course. Finally as a fun feature, students can also vote for or add an emoji that they associate with the course.

Search by Department Page

This page will have all the Departments of the school listed. When clicked on, the departments will expand to include all the courses in the department. Clicking on the course will expand it for a preview of course information and clicking on the course title will redirect the user to the course page.

Course Exploration page

This page will start out with recommended courses (if the user is signed in) or blank (if the user is not signed in) and include options/filters on the top to find a course of interest. These filters will include things such as difficulty level, value, enjoyment, department and workload. As the users choose filters, the courses that match up with the preferences indicated will show up in an expandable list. Unlike the homepage, this page is intended for people who want to look for a course based on certain qualities, but do not really know the name of the course.

User Dashboard

The user dashboard will have a display of the user's current schedule, email, name and class standing. The user will also be able to edit his/her schedule on this page. Additionally, the page will display the user's course wish list in a scrollable area. The dashboard will also contain a list of all the courses the user has already evaluated. Students will be given contribution scores based on his/her review. As a fun feature, the user will also have a status/badge based on previous courses the user has taken. For example if a user has taken mostly difficult courses, he/she might get the "Try-Hard" badge, while someone with a light schedule might get the "Slacker" badge. The user can choose to make these badges public or private. The User Dashboard page will also include a search box to search for other users. Through this search a user can view only the information that searched user has made public on his/her dashboard.

Sign-in/Sign-up Page

The sign-up page will allow the user to create a new account with USC email address. This account will ask for user information such as name, email, class standing, the user's current and previous course schedule, desired password. The sign-in page will allow a user to login using the user's email and password. The sign-in page will also allow a user to remain signed in for future sessions.