

DIM3 - TEAM J

PRESENTATION

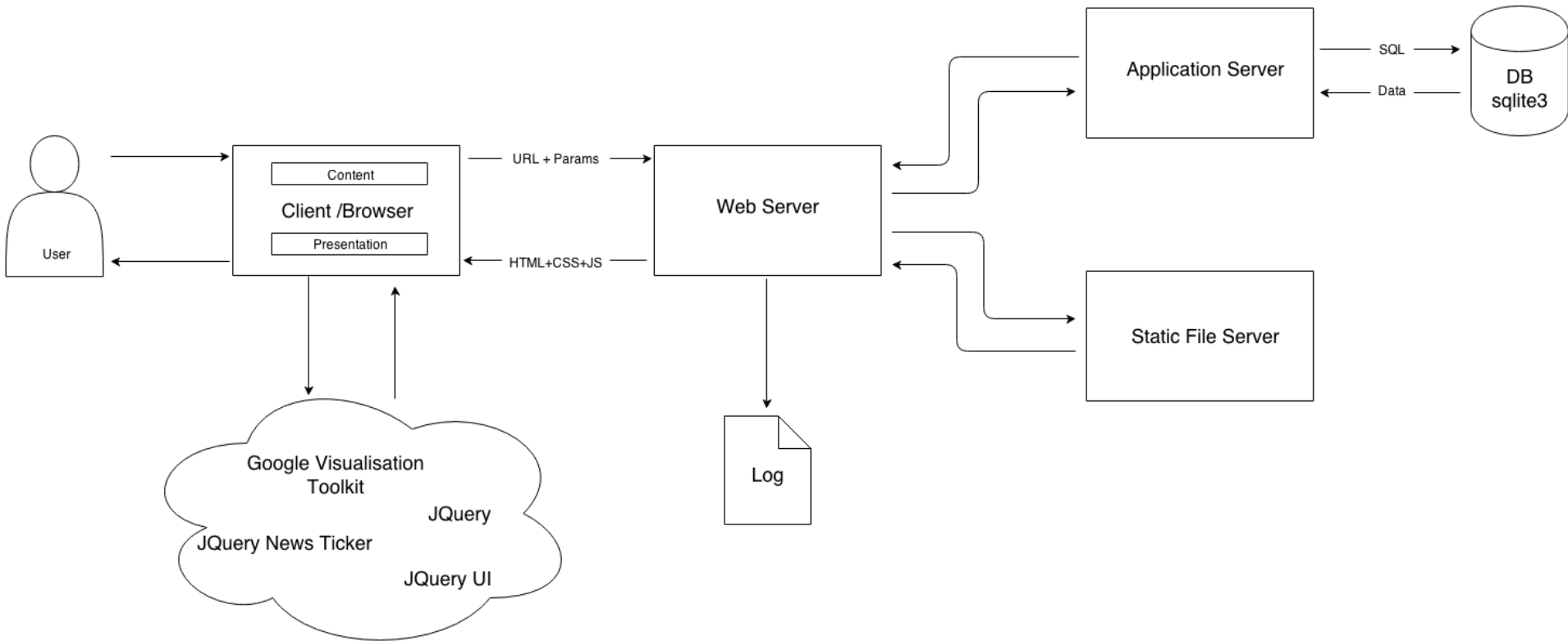
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RateMyCourse

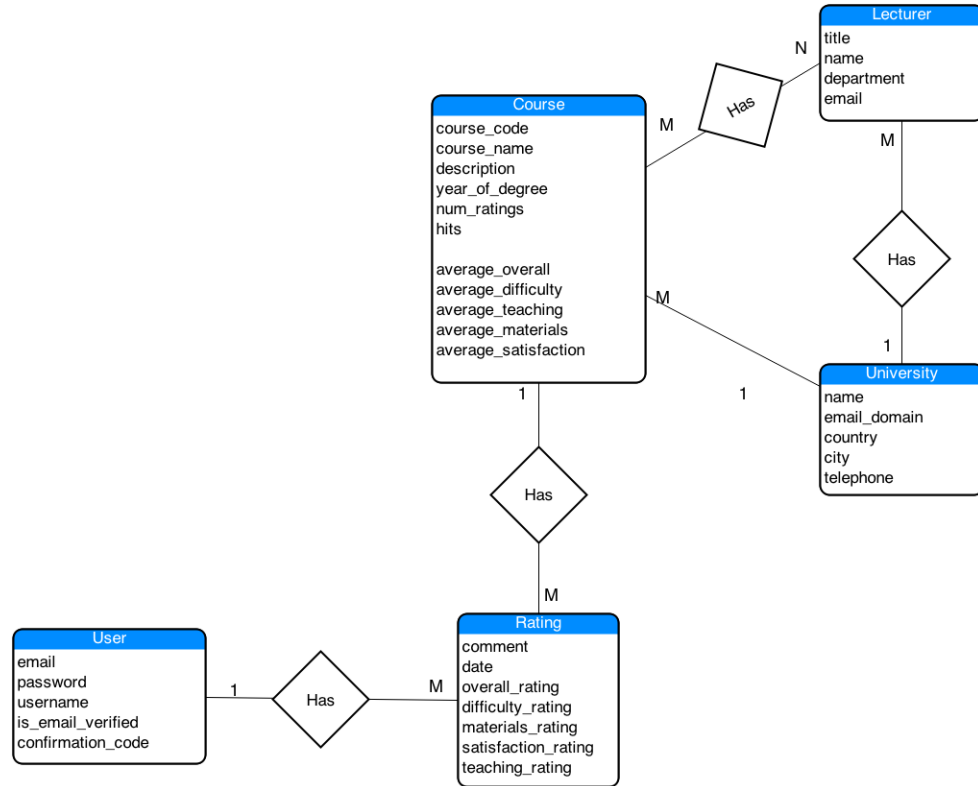
TEAM J

A web application that allows students to rate courses they take at university

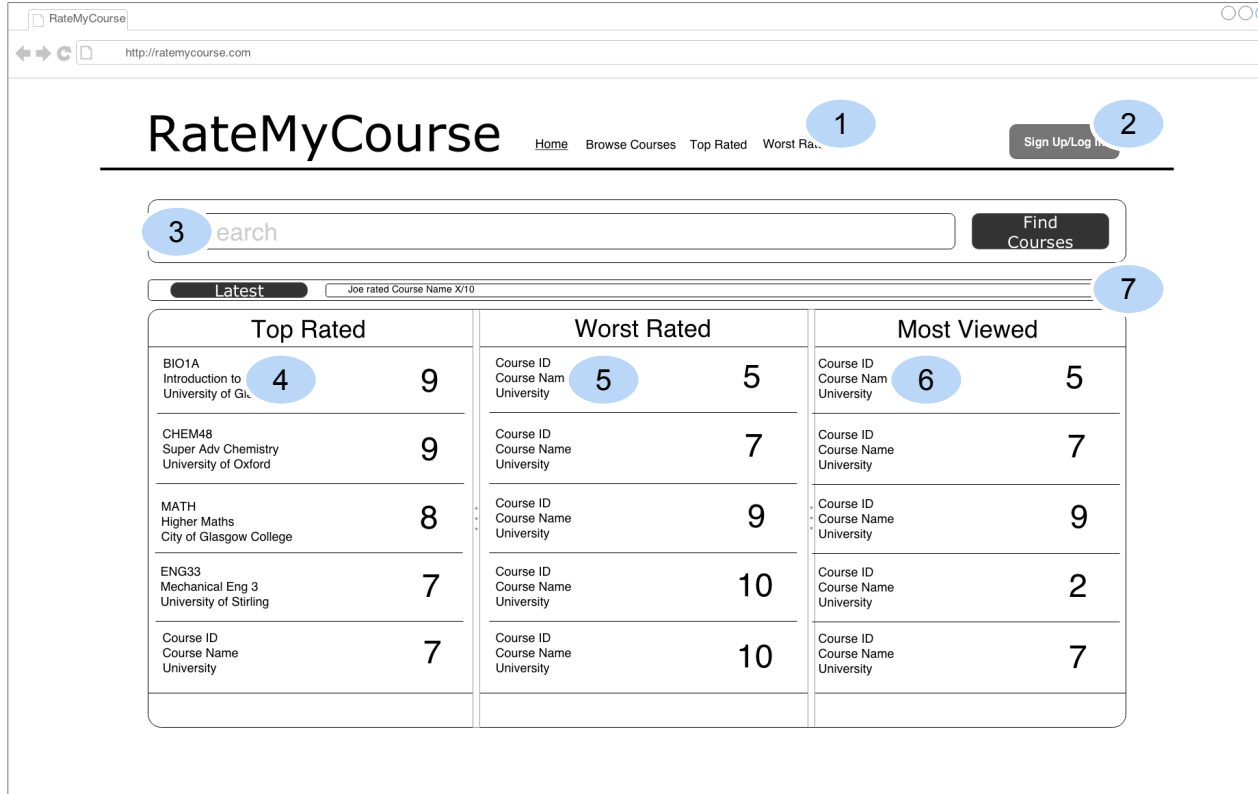
System Architecture



ER Diagram



Home Page Wireframe



- 1 Navigation
- 2 Login/Registration
- 3 Search Function
- 4 Top Rated Panel
- 5 Worst Rated Panel
- 6 Most Viewed Panel
- 7 Latest Ratings

Results Page Wireframe

The wireframe shows a web browser window with the URL `http://ratemycourse.com/results/cs304/home/computing%20science/home/home/`. The page title is "RateMyCourse" with navigation links: Home, Browse Courses, Top Rated, Worst Rated, and a Sign Up/Log In button.

At the top, there is a search bar containing "CS" (callout 1) and a "Find Courses" button.

On the left, there is a sidebar with three sections: "Refine" (containing a "Sorting" dropdown set to "Overall" with up/down arrows), "Filter" (with "University" and "Subject" categories, each having four radio button options, with "Option 3" selected in both), and "Rating" (with a range from 2 to 97).

The main content area is a table with 6 rows (callout 4). Each row contains course details (Course ID, Course Name, Lecturer, University) and average ratings (Overall, Satisfaction, Teaching, Materials, Difficulty). The first row is highlighted with a blue circle (callout 2).

Course ID: Course Name Lecturer University	Overall: 5 Satisfaction: 5 Teaching: 3 Materials: 4 Difficulty: 5
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1 Search box showing last search criteria, allowing for search modification

2 Links to summary pages

3 Result Sorting/Filters

4 Results, rating shown in average ratings

Stand Out Features

- Page that shows rating statistics of universities and courses
- Search feature in addition to manual browsing to help users find courses faster
- Dynamic filters to narrow down search results

Questions?

Bonus Content

Requirements Specification (1)

Must Have Features:

- 1.1. Students must register with a valid university email address to rate courses
- 1.2. There must be a method for users to find a course and see all comments and ratings
- 1.3. When rating a course, the user must enter the lecturer they had, their overall rating for the course out of 10, and state any comments they have

Should Have Features:

- 2.1. Approved users should be able to add courses to the site
- 2.2. Users should be able to view the ratings and comments for all courses
- 2.3. Users should be able to view to the top and worst rated courses overall
- 2.4. The home page should present the latest comments, the best/worst rated courses, and some form of navigation of courses
- 2.5. Student emails should be confirmed before they can add ratings

Requirements Specification (2)

Could Have Features:

- 3.1. There could be a summary view for courses and universities showing stats such as average rating per year, etc

Would Like To Have Features:

- 4.1. Admins would like to be able to add in different universities, and the email domain for legit universities
- 4.2. There could be search functionality to help users find courses they want easier.

User Persona 1: Scott

Scott is a 3rd year computing science student at the University of Glasgow. Next year he is able to pick from a range of course options, however he finds that too many sound interesting to him, and he does not want to go over 120 credits. Scott would like to view previous students comments and opinions on each course to help him make an informed decision about which courses are the ones he may enjoy most.

Critical Needs

- view each course ratings and comments
- find all relevant courses easily

Opportunities to improve user experience

- Ability to compare courses easily (possibly during search overview)
- ability to see the year courses are taught



User Persona 2: Barbara

Barbara is the Head of Mathematics at Glasgow Caledonian University, and she would like to analyse which courses in math students dislike, or discover if any lecturers are rated unusually low for a particular course. This will allow her team to recognise courses which could be improved or lecturers who may need help providing a better experience for students.

Critical Needs

- search for all maths courses
- view ratings for course per lecturer

Opportunities to improve user experience

- rank search to see lowest rated in maths
- graphical view for GCU to easily see how courses are rated



User Needs Matrix

Req No	Overall Priority	Priority for Scott	Priority for Barbara
1.1	M	M	M
1.2	M	M	M
1.3	M	M	M
2.1	S	C	W
2.2	S	W	W
2.3	S	W	W
2.4	S	S	S
2.5	S	M	M
3.1	C	W	S
4.1	W	W	W
4.2	W	W	W

URLs

URL	DESCRIPTION
/	homepage
/results	results for a course search
/browse	browse all courses manually
/top	view the top rated courses
/worst	view the worst rated courses
/summary/course/<courseid> /summary/uni/<unid>	summary page for item (course/university)
/login	login page
/register	registration page

URLs (2)

URL	DESCRIPTION
/profile	user's profile page
/confirm/<code>/<username>	confirms a users email address
/addcourse	add a new course
/get_uni_courses	get a html panel displaying all the courses for a uni
/get_course_instances	get the details for a courses as a html panel

Site Map

