Course Vault

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Summary

- Combines useful class resources of QuACS, Quatalog, RateMyProfessor and various backwork drives
- All in one tool to plan out course load and decide what is most advantageous to the student
- Students can see class options with times and professors, see professor ratings and have back work for that class

User 1 - John Henry

- John is an 18-year-old Mechanical Engineer who is a first-generation college student. He has never been on his own before and he is having a hard time with this IEA class, He has been to office hours numerous times but he is still stuck
- He uses back work to find example problems and solutions, which helps him learn and understand the material
- John was able to complete the assignments and score highly on exams

User 2 - Cam Thomas

- Cam is a 21-year-old, second-semester junior at Rensselaer Polytechnic Institute who is making her schedule for her last three semesters of her college experience
- She doesn’t like her FoCS professor and wants to drop the course
- Luckily, she pulls up Course Vault on her phone and sees that another professor is teaching the section, pulling up his reviews she thinks he would help her understand the course better
- She ends up switching and is much happier, and ends up with an A- in the course (she still can't make a Turing Machine).

Stakeholders

- Primary Stakeholders:
  - Students
    - These users are the primary focus of all three key aspects of our site
  - Tutoring-services & ads
    - We can use ads for school-supplies, tutoring services, etc. to generate revenue to keep the site free for verified users
- Secondary Stakeholders:
  - Academic Institutions
    - Can use the site to monitor attempts at plagiarism, direct copying of code won’t work
  - Professors
    - Can see there reviews and available back work for the classes they teach.

Technologies

Frontend:

HTML

CSS

JavaScript

React

Backend:

Node.js

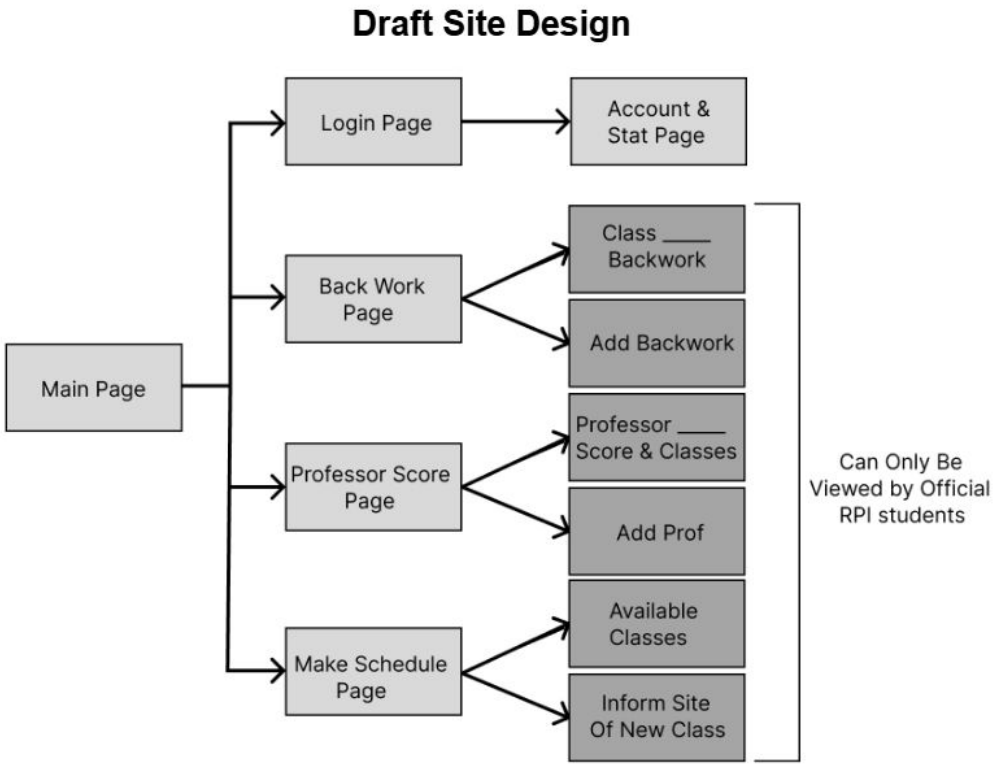
Express.js

MongoDb

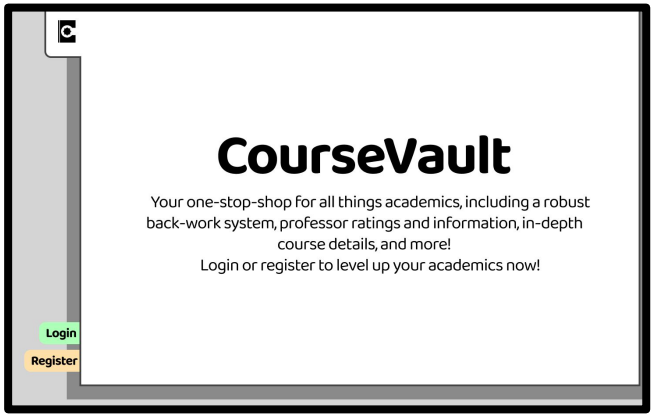
Project Schedule

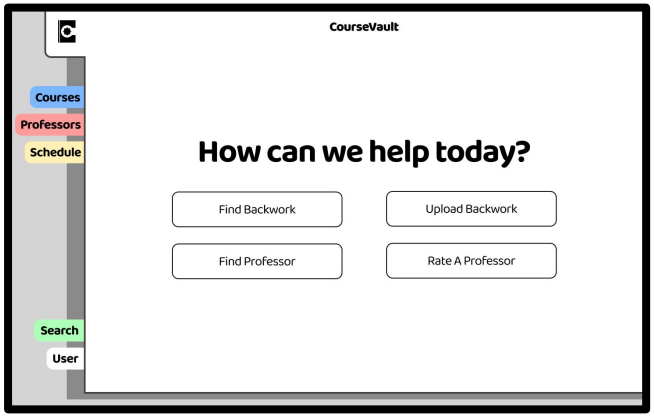
Objective	Duration	Completion Date
Main Landing Page	~2 weeks	February 7th
Login Page	~2 weeks	February 7th
END SPRINT 1		
BackWork Page Functional	~2 weeks	February 24th
Professor Score Page Functional	~1 week	February 14th <3
Schedule Maker	~2 weeks	February 24th
END SPRINT 2		
Finish functionality for all pages	Until Project Due Date	April 8th
Bug fixes and testing	Until Project Due Date	April 8th
END SPRINT 3		

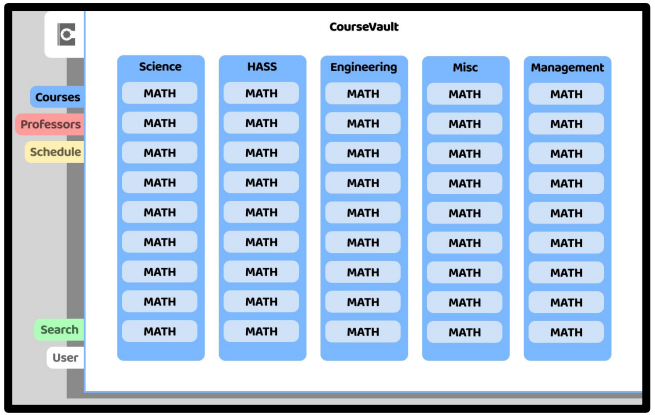
Site Map


Draft Site Design
Login Page
Account & Stat Page
Back Work Page
Class ____ Backwork
Add Backwork
Main Page
Professor Score Page
Professor ____ Score & Classes
Add Prof
Make Schedule Page
Available Classes
Inform Site Of New Class
Can Only Be Viewed by Official RPI students

Wireframes


CourseVault
Your one-stop-shop for all things academics, including a robust back-work system, professor ratings and information, in-depth course details, and more!
Login or register to level up your academics now!
Login
Register


CourseVault
Courses
Professors
Schedule
How can we help today?
Find Backwork
Upload Backwork
Find Professor
Rate A Professor
Search
User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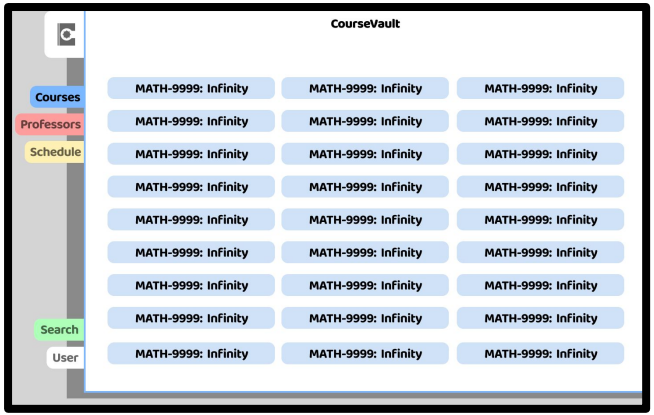
HASS
Engineering
Misc
Management
MATH
Search
User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User

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