

CCNY Connect

<https://ccny-connect.romashov.dev>

Developers-

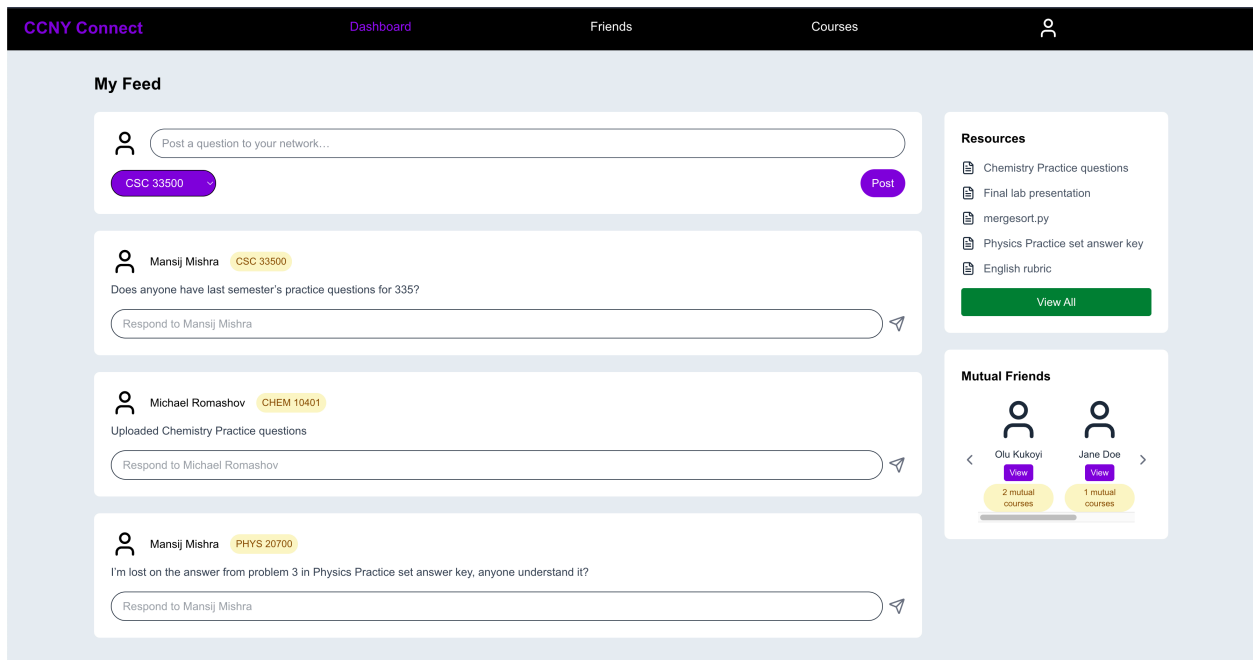
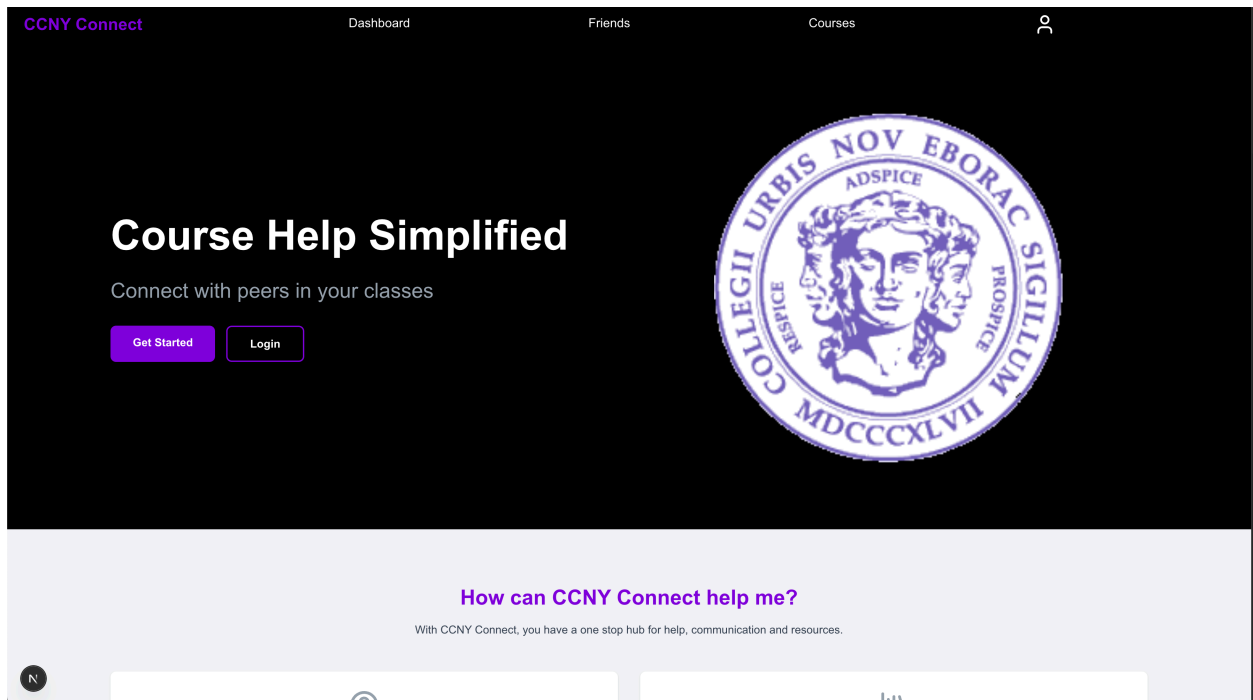
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Motivation-

The motivation behind building a dedicated networking hub for CCNY students arises from the recognition that academic success is not achieved in isolation but through collaboration, mentorship, and the free exchange of knowledge. By creating a single, intuitive platform where students can connect over shared courses, seek out peer tutors, and access a rich repository of notes and study guides, we aim to break down barriers to academic support, foster a stronger sense of community, and empower every student—regardless of background or experience—to excel. In an era where information is abundant but meaningful connections are often scarce, this platform will ensure that CCNY students have easy access to the people, expertise, and resources they need to thrive together.

Tools used-

- Next.js , tailwind
- Docker
- MySQL
- Digital Ocean
- Github
- Figma



CCNY Connect

Dashboard

Friends

Courses

sign out

Add Friends

Search friends...

Friends

John Doe

View Profile

Message

Remove Friend

Alexander Moore

View Profile

Message

Remove Friend

Jack Anderson

View Profile

Message

Remove Friend

CCNY Connect

Dashboard

Friends

Courses

sign out

Add Friends

Jane Smith

Add

Liam Jones

Add

Sophia Miller

Add

Noah Davis

Add

Isabella Garcia

Add

Mia Wilson

Add

Amelia Thomas

Add

Logan Jackson

Add

Lucas Harris

Add

CCNY Connect

Dashboard

Friends

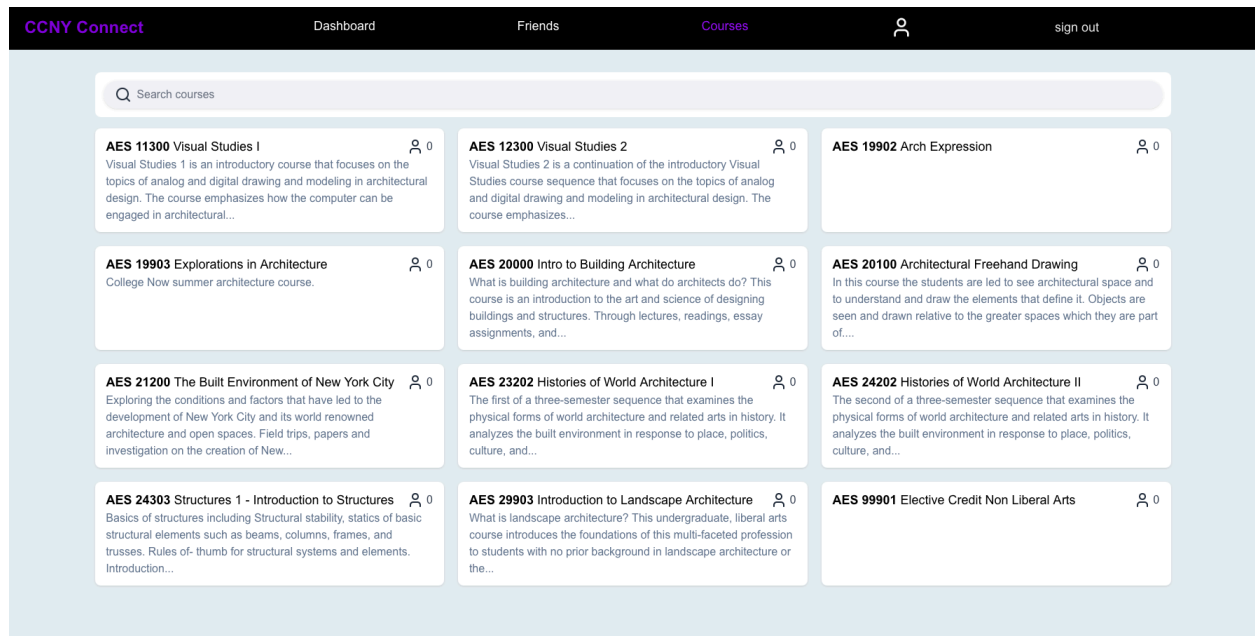
Courses

Anth 20100

Anth 20100

3 friends enrolled

30



Functionality-

Authentication

To keep the platform exclusive to ccny students and help build a community among active college students, signup is required, and a valid city mail address is necessary.

User Profiles

Each student will create a customizable profile showcasing their name, major, list of completed and current courses, and whether they are available to tutor.

Class-Based Search

Through an intuitive search interface, users can look up specific CCNY courses (e.g., “Calculus I,” “PHYS 20700”) and instantly see a course description as well as a list of peers who are enrolled in that class.

Resource Sharing

A centralized repository will let users upload, browse, and download study materials—such as lecture notes, past exams, and annotated problem sets. Materials can be tagged by course, topic, or file type, and users can discuss resources through the post system.

Personalized Dashboard

Upon login, each student lands on a dashboard that aggregates recommended peers to connect with (based on overlapping courses or majors), recent resource uploads in their areas of interest, and any posts in their feed. This hub makes it easy to stay up to date and quickly dive back into collaboration.

Wireframe:

<https://www.figma.com/proto/fJOVKr983jIQ3K8T2RK70K/CCNY-Connect-wireframe?node-id=0-1&t=AtuesQVvKY7aZy95-1>