



INFO 6150

WEB DESIGN AND ARCHITECTURE

QUICKFIX

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PURPOSE

- An online platform for college students where they can know Teaching Assistants (TA) better and book slots with ease.
- TA can release slots according to their convenience and save time by giving FAQs for a particular assignment.
- The student can book slots with TA's and manage their bookings.
- Student can view all the assignments under the subject and see the FAQs as well.



FEATURES

- Sign Up, Sign In, Forget Password Functionality
- Authentication
- Email Notifications to students and teaching assistants
- Slot creation by teaching assistant
- Slot booking by students
- Users can view their upcoming bookings
- Teaching Assistants can add FAQs to ongoing assignment
- Students can view the course details including professor, and list of TA,
- Students can view previous assignments, upcoming assignments and their specific FAQs
- Users can provide personal information to maintain their profile in the portal

TECH STACK

- React JS
- Node JS
- Typescript
- Redux
- MongoDB
- SCSS
- JWT
- Bcrypt JS





OPEN SOURCE PACKAGES

- Bcrypt
- NodeMailer
- JSON Web Token
- React Calendar
- Thunk
- AntD
- React Icons
- LottieFiles
- React Confetti
- React Icons



CONTRIBUTION

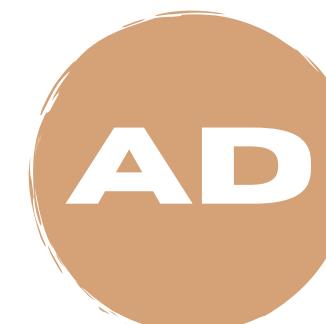


HARSH AGARWAL

Architecture Design

Frontend SignIn, Slot Booking/Creation, HomePage

Backend Authentication Flow, Email Module, Booking Details



ANIRBAN DUTTA

Frontend Signup, SignIn, Forget Password, Logout, Course Details, View Bookings

Backend Slot Booking/Creation



SHRUTI AGRAWAL

Frontend TA Assignments-FAQs, Profile Page, NavBar, HomePage

Backend Course Detail, FAQs, Database creation



PAYAL KHATRI

Frontend HomePage, Assignment, Course Detail, Sidebar

Backend Assignment, Profile Update, HomePage, Database creation

Login Page



Northeastern University

myNortheastern Username

myNortheastern Password

Log In

Not a member?

Forgot password?

Login Page



Northeastern University

myNortheastern Username

myNortheastern Password

Log In

Not a member?

Forgot password?



Sign up Page

Sign Up



First Name

Last Name

Email

User Type

myNortheastern Username

myNortheastern Password

Sign Up

Already a member?

Forgot Password

Forgot Password



Email

myNortheastern Username

Submit

Home Page

 Northeastern
University

-  Home
-  Profile
-  Bookings
-  Teaching Assistant
-  Logout



GOOD
AFTERNOON,
Ruthwik
NUID:638f7638f7

Fall 2022 Semester

CSYE6200 Enrolled	Object Oriented Design Assignments
CSYE6225 Enrolled	Cloud Computing Assignments

Home Page

 Northeastern
University

- Home
- Profile
- Bookings
- Teaching Assistant
- Logout



GOOD
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NUID:638f7638f7

Fall 2022 Semester

CSYE6200 Enrolled	Object Oriented Design Assignments
Description: Introduces object-oriented design and programming via the Java programming language; the use of inheritance, composition, and interface classes in software design; development of Java applets and applications; study of the Java class libraries, including the swing tool kit for building human computer interfaces, the network package for development of client-server systems, and the collections’ package for data structures and sorting algorithms. Requires a course project. Requires knowledge of C programming.	
CSYE6225 Enrolled	Cloud Computing Assignments

Course : Professor Details

N Northeastern University

- Home
- Profile
- Bookings
- Teaching Assistant
- Logout

Professor 1 Teaching Assistant 2 Completed 4 On Going 1

Daniel Peters View Details

localhost:3000/assignments/638283e2c2b147d17b54e402

Course : Professor Details

The screenshot shows a mobile application interface. On the left is a dark sidebar with the Northeastern University logo and navigation options: Home, Profile, Bookings, Teaching Assistant, and Logout. The main screen has a light gray background. At the top center, there is a blue header bar with the text "Professor Details". Below this, a modal dialog box is displayed, containing the text "Name: Daniel Peters" and "Email: daniel@northeastern.edu". At the bottom right of the modal are three buttons: "Cancel", "OK", and a blue "View Details" button. In the background, behind the modal, there is a section titled "On Going" with a count of "1".

Course :

Teaching Assistant Details

The screenshot shows a user interface for managing teaching assistants. On the left is a dark sidebar with white icons and text:

- Home
- Profile
- Bookings
- Teaching Assistant
- Logout

The main area has a light blue header bar with four tabs:

- Professor 1
- Teaching Assistant 2** (highlighted with a blue border)
- Completed 4
- On Going 1

Below the header, there are two cards, each containing a teaching assistant's name and a "View Details" button:

- Vraj Singh (View Details)
- Ruchika Sharma (View Details)

Course :

Completed Assignments

The screenshot shows a user interface for managing assignments. On the left is a dark sidebar with white icons and text for Home, Profile, Bookings, Teaching Assistant, and Logout. The main area has a light blue header bar with tabs for Professor (1), Teaching Assistant (2), Completed (4, highlighted with a blue border), and On Going (1). Below the header are four cards, each representing an assignment: Assignment 1, Assignment 2, Assignment 3, and Assignment 4. Each card has a "View Details" button to its right.

- Professor 1
- Teaching Assistant 2
- Completed 4**
- On Going 1

Assignment	Action
Assignment 1	View Details
Assignment 2	View Details
Assignment 3	View Details
Assignment 4	View Details

localhost:3000/assignments/638283e2c2b147d17b54e402

Course : Assignment Details

The screenshot shows a user interface for managing assignments. On the left, a sidebar menu includes Home, Profile, Bookings, Teaching Assistant, and Logout. The main area displays a list of assignments under 'Professor' and 'On Going'. A modal window is open, showing details for 'Assignment 1'. The modal header says 'Assignment 1' with a close button 'X'. It lists 'Assignment Marks: 100' and 'Due: 2022-10-08'. The 'Description' is 'Shopping Cart'. Below this, a 'Frequently Asked Questions' section contains two entries. The first entry asks if linter is needed in GitHub, with the answer being to install a plugin and rectify issues. The second entry asks if input from the user is required, with the answer being that it can be hardcoded. At the bottom of the modal are 'Cancel' and 'OK' buttons.

N Northeastern University

- Home
- Profile
- Bookings
- Teaching Assistant
- Logout

Professor

Assignment 1

Assignment Marks: 100 Due: 2022-10-08

Description: Shopping Cart

Frequently Asked Questions

Question: Do we need to use linter in GitHub?
Answer: *Install a linter plugin and rectify all of your linter issues.*

Question: Do we need to ask for the input from the user or can we hardcode it?
Answer: *You can hardcode it*

Cancel OK

On Going 1

View Details

View Details

View Details

View Details

Course : On Going Assignment Details

The screenshot shows a user interface for managing assignments. On the left, a sidebar menu includes Home, Profile, Bookings, Teaching Assistant, and Logout. The main content area displays assignment statistics: Professor (1), Teaching Assistant (2), Completed (4), and On Going (1). The 'On Going' tab is selected, highlighted with a blue border. Below this, a specific assignment is detailed: Assignment 5, Marks: 100, Due: 2022-10-08, Description: Calc GUI. A Frequently Asked Questions section follows, containing two entries: "Question: Which IDE can we use? Answer: You can use Eclipse as well as Net Beans" and "Question: How many mathematical operations do we need to show? Answer: You can show the basic operations like addition, subtraction, multiplication and division". At the bottom is a blue 'Book Slot' button.

Northeastern University

Home

Profile

Bookings

Teaching Assistant

Logout

Professor 1

Teaching Assistant 2

Completed 4

On Going 1

Assignment 5

Assignment Marks: 100

Due : 2022-10-08

Description: Calc GUI

Frequently Asked Questions

Question: Which IDE can we use?
Answer: You can use Eclipse as well as Net Beans

Question: How many mathematical operations do we need to show?
Answer: You can show the basic operations like addition, subtraction, multiplication and division

Book Slot

localhost:3000/assignments/638283e2c2b147d17b54e402

Profile Page

The screenshot shows a web application interface for a user profile. At the top left is the Northeastern University logo. A vertical sidebar on the left contains links for Home, Profile, Bookings, Teaching Assistant, and Logout. The main content area features a large orange rounded rectangle at the top labeled "Profile Page". Below this is a form with fields for "Question" and "Answer", each with a "Enter new question/answer" input field and a red "Add FAQ" button. A list of assignments follows:

- Assignment 1 Zoo
- Assignment 2 Shopping
- Assignment 3 Shopping CSV
- Assignment 4 Lambda Quiz
- Assignment 5 Calc GUI

Book Slot Page

N Northeastern University

- Home
- Profile
- Bookings
- Teaching Assistant
- Logout

Ruchika lastName >

Book Slot

2022 Dec Month Year

Su	Mo	Tu	We	Th	Fr	Sa
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7

09:00 am
09:45 am
10:00 am Confirm
10:15 am
10:30 am

Book Slot Confirmation Page

N Northeastern University

- Home
- Profile
- Bookings
- Teaching Assistant
- Logout

Ruchika lastName

Book Slot

Booking Confirmed
You are scheduled with Ruchika lastName

15 Minutes

08/12/22 10:00 - 10:15

OK

09:00 am

09:45 am

10:15 am

10:30 am

10:45 am

25 26 27 28 29 30 31

1 2 3 4 5 6 7

The screenshot shows a dark-themed user interface for a teaching slot booking system. On the left, a sidebar menu includes links for Home, Profile, Bookings, Teaching Assistant, and Logout. The main area features a 'Book Slot' button and a calendar view. A modal window is centered over the calendar, displaying a confirmation message: 'Booking Confirmed' and 'You are scheduled with Ruchika lastName'. Below this, it specifies a '15 Minutes' duration and a specific booking time: '08/12/22 10:00 - 10:15'. The background calendar shows dates from August 25 to September 1, with several time slots listed on the right side of each day.

THank you