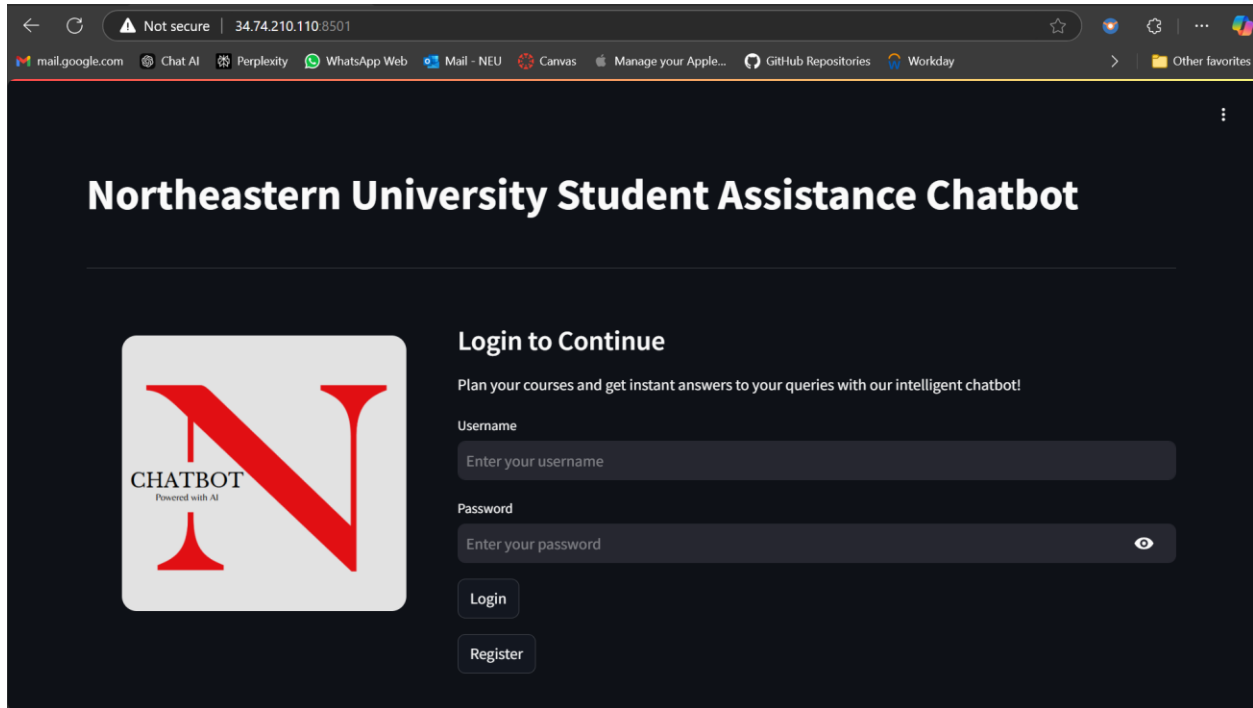


User Guide: Navigating the Application

First Page: Register and Login



The screenshot shows a web browser window with the address bar displaying "Not secure | 34.74.210.110:8501". The browser's address bar and tabs are visible at the top. The main content area has a dark background. At the top, the title "Northeastern University Student Assistance Chatbot" is displayed in white. Below the title, there is a large red "N" logo with the word "CHATBOT" and "Powered with AI" written below it. To the right of the logo, the text "Login to Continue" is displayed in white. Below this, a message says "Plan your courses and get instant answers to your queries with our intelligent chatbot!". There are two input fields: "Username" with the placeholder "Enter your username" and "Password" with the placeholder "Enter your password" and an eye icon. Below the input fields are two buttons: "Login" and "Register".

Step 1: On the home page, click the **Register** button.

- Fill in the required details to create a new account.
- Once registration is successful, you can click on back to the login page.

The image shows a web browser window with a dark theme. The address bar indicates a 'Not secure' connection to '34.74.210.110:8501'. The browser's bookmark bar includes links to 'mail.google.com', 'Chat AI', 'Perplexity', 'WhatsApp Web', 'Mail - NEU', 'Canvas', 'Manage your Apple...', 'GitHub Repositories', 'Workday', and 'Other favorites'. The main content area displays a registration form titled 'Create a new account.' with the following fields: 'Username' (filled with 'Linata'), 'Password' (masked with dots), 'Confirm Password' (masked with dots), 'Program Name' (dropdown menu with 'Information Systems, MSIS' selected), 'College' (dropdown menu with 'College of Engineering' selected), and 'Campus' (dropdown menu with 'Boston' selected). A 'Register' button is located at the bottom of the form. Below the form, a green message box states 'Account created successfully! Please log in.'

Create a new account.

Username

Linata

Password

Confirm Password

Program Name

Information Systems, MSIS

College

College of Engineering

Campus

Boston

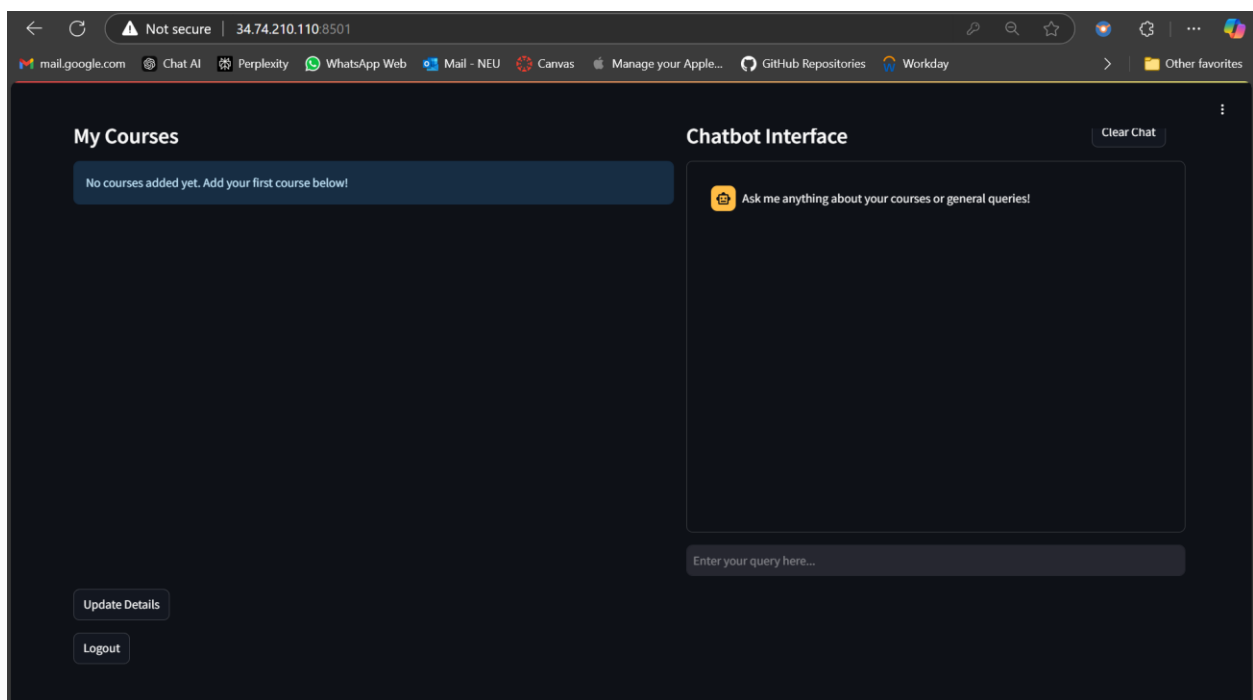
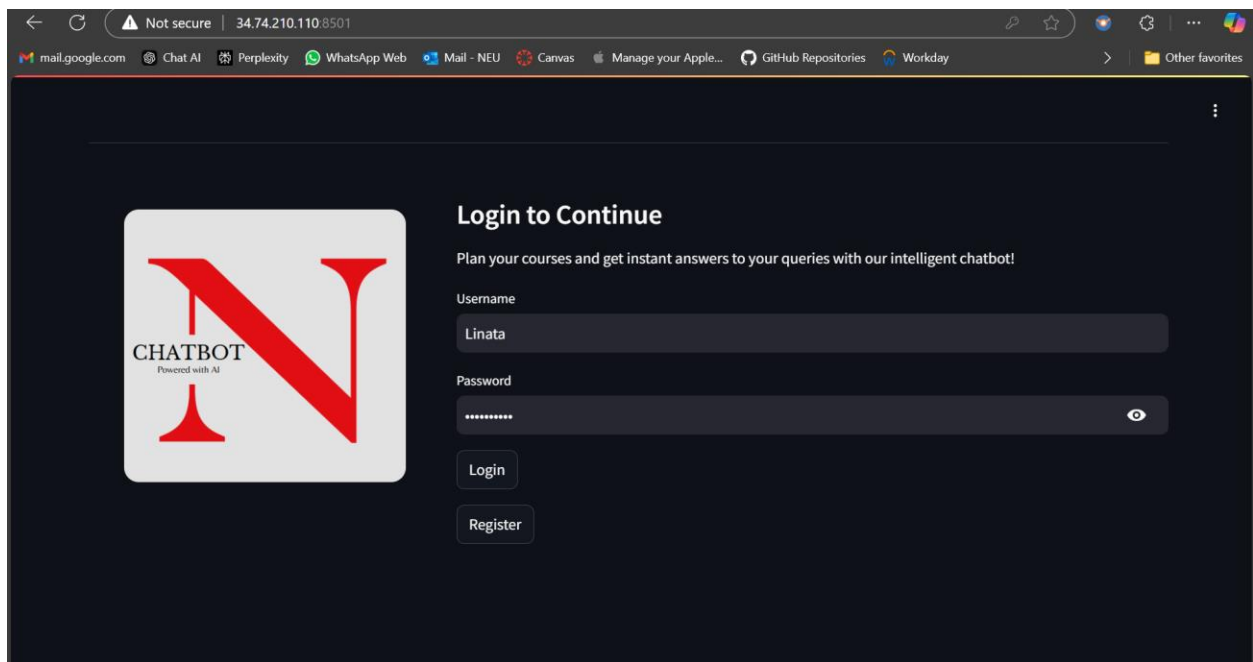
Register

Create a new account.

Account created successfully! Please log in.

Step 2: Click on **Back to Login** to access the login page.

- Enter your credentials and log in to the application.



Update Details and Upload Transcript

- **Step 3:** Click on **Update Details**.
 - This page allows users to upload their transcripts for processing.

Manage Your Profile and Courses

[Back to Main Page](#)

User Profile

College: Campus:

Program Name: GPA:

After updating program, make sure to save your courses.

Program ID: Completed Credits:

[Save Profile](#)

My Courses

No courses added yet. Add your first course below!

Auto Detect

No transcript uploaded yet. Please upload one below.

Choose a transcript file (PDF only)

Drag and drop file here
Limit: 200MB per file - PDF

[Browse files](#)

[Click to Process Transcript](#)

Uploaded Transcript: [View PDF](#)

Step 4: Click on **Browse Files**, select the transcript file, and then click **Process Transcript**.

- The system will analyze the transcript and store the relevant data.

My Courses

No courses added yet. Add your first course below!

Auto Detect

No transcript uploaded yet. Please upload one below.

Choose a transcript file (PDF only)

Drag and drop file here
Limit: 200MB per file - PDF

[Browse files](#)

[Click to Process Transcript](#)

Uploaded Transcript: [View PDF](#)

Add a New Course

Course Code: Course Name:

Grade: Credits:

[Add Course](#)

[Save 'My Course' Changes](#)

Delete a Course

3. View and Manage Courses

- Step 5:** Once the transcript is processed, navigate to the **My Courses** section.
 - This section displays all the courses extracted from the user's transcript.

	course_code	course_name	grade	credits
0	DAMG 6210	Data Mgt and Database Design	A-	4.0000
1	ENCP 6000	Career Managrnmt for Engineers	A	1.0000
2	INFO 5100	Application Engineer & Dev	A-	4.0000
3	INFO 5101	Lab for INFO 5100	S	0.0000
4	DAMG 7370	Designing Data Arch Busn Intel	A	4.0000
5	INFO 6105	Data Sci Eng Methods	A	4.0000
6	DAMG 7245	Big Data Sys & Intel Analytics	IP (In Progress)	4.0000
7	INFO 6205	Program Structure & Algorithms	IP (In Progress)	4.0000

Note: Please ensure that the transcript is up to date and accurate.

Choose a transcript file (PDF only)

Drag and drop file here

Limit 200MB per file • PDF

Browse files

transcript.pdf 307.4KB

Uploaded Transcript: [View PDF](#)

Details from Extraction

Courses Detected: 8

Courses: College of Engineering

Add a New Course

Course Code

Course Name

Grade
Select Grade

Credits
Select Credits

Add Course

Save 'My Course' Changes

Delete a Course

Select a course to delete
DAMG 6210

Delete Selected Course

Step 6: Use the available options to **add or delete courses** as needed.

- Users can modify the course list to reflect their progress or remove any incorrect data.

Add a New Course

Course Code

Course Name

Grade

Credits

Add Course

Save 'My Course' Changes

Course added

0	DAMG 6210	Data Mgt and Database Design	A-	4.0000
1	ENCP 6000	Career Managmnt for Engineers	A	1.0000
2	INFO 5100	Application Engineer & Dev	A-	4.0000
3	INFO 5101	Lab for INFO 5100	S	0.0000
4	DAMG 7370	Designing Data Arch Busn Intel	A	4.0000
5	INFO 6105	Data Sci Eng Methods	A	4.0000
6	DAMG 7245	Big Data Sys & Intel Analytics	IP (In Progress)	4.0000
7	INFO 6205	Program Structure & Algorithms	IP (In Progress)	4.0000
8	INFO 7245	Agile Software Development	A	4.0000

Choose a transcript file (PDF only)

Drag and drop file here

Limit 200MB per file - PDF

Browse files

transcript.pdf 307.4KB

Close

Uploaded Transcript: [View PDF](#)

Details from Extraction

Courses Detected: 8

Collator: Collator of Engineering

Add a New Course

Course Code

INFO 7245

Course Name

Agile Software Development

Grade

A

Credits

4

Add Course

Save 'My Course' Changes

Courses updated successfully!

Delete a Course

Select a course to delete

DAMG 6210

Delete Selected Course

Step 7: Delete any **in-progress subjects** or courses you've added manually.

Delete a Course

Select a course to delete

INFO 6205

Delete Selected Course

Course INFO 6205 deleted successfully!

Step 8: Review the **final recommended course list**, which is updated based on the user's academic progress and eligibility.

The screenshot shows a web application interface. At the top, there's a header with a 'Not secure' warning and the IP address '34.74.210.110:8501'. Below the header, there's a navigation bar with links to 'mail.google.com', 'Chat AI', 'Perplexity', 'WhatsApp Web', 'Mail - NEU', 'Canvas', 'Manage your Apple...', 'GitHub Repositories', and 'Workday'. The main content area is divided into two sections. On the left, under 'My Courses', there's a table with columns 'course_code', 'course_name', 'grade', and 'credits'. The table contains 6 rows of course data. On the right, under 'Auto Detect', there's a note about ensuring the transcript is up to date and accurate. Below this, there's a section for uploading a transcript file (PDF only) with a 'Browse files' button and a 'Click to Process Transcript' button. A file named 'transcript.pdf' (307.4KB) is shown as uploaded. Below the upload section, there's a 'Details from Extraction' section showing 'Courses Detected: 6' and a list of course names. At the bottom, there are buttons for 'Add a New Course' and 'Delete a Course'.

	course_code	course_name	grade	credits
0	DAMG 6210	Data Mgt and Database Design	A-	4.0000
1	ENCP 6000	Career Managmnt for Engineers	A	1.0000
2	INFO 5100	Application Engineer & Dev	A-	4.0000
3	INFO 5101	Lab for INFO 5100	S	0.0000
4	DAMG 7370	Designing Data Arch Busn Intel	A	4.0000
5	INFO 6105	Data Sci Eng Methods	A	4.0000

5. Navigate Back to Main Page

- **Step 9:** Click on **Back to Main Page** to return to the application's dashboard.

The screenshot shows the same web application interface. The 'My Courses' table is still present. The 'Auto Detect' section is now replaced by a 'Chatbot Interface'. The chatbot interface has a 'Clear Chat' button and a text input field with the placeholder 'Enter your query here...'. The chatbot's message area contains a yellow speech bubble icon and the text 'Ask me anything about your courses or general queries!'. At the bottom left, there are buttons for 'Update Details' and 'Logout'.

	course_code	course_name	grade	credits
0	INFO 6105	Data Sci Eng Methods	A	4.0000
1	DAMG 7370	Designing Data Arch Busn Intel	A	4.0000
2	INFO 5101	Lab for INFO 5100	S	0.0000
3	INFO 5100	Application Engineer & Dev	A-	4.0000
4	DAMG 6210	Data Mgt and Database Design	A-	4.0000
5	ENCP 6000	Career Management for Engineers	A	1.0000

6. Explore the Dashboard

- **Step 10:** On the dashboard, you'll find:
 - **Left Side:**
 - The **My Courses** section displays all the courses the user is currently enrolled in.
 - **Right Side:**
 - The **Chatbot Interface**, where users can interact with the system to ask questions about Northeastern University.

The screenshot shows a web browser window with a dashboard. The top navigation bar includes links to mail.google.com, Chat AI, Perplexity, WhatsApp Web, Mail - NEU, Canvas, Manage your Apple..., GitHub Repositories, and Workday. The dashboard is titled 'Hi, Linata' and features two main sections: 'My Courses' and 'Chatbot Interface'.

My Courses section displays a table of enrolled courses:

	course_code	course_name	grade	credits
0	INFO 6105	Data Sci Eng Methods	A	4.0000
1	DAMG 7370	Designing Data Arch Busn Intel	A	4.0000
2	INFO 5101	Lab for INFO 5100	S	0.0000
3	INFO 5100	Application Engineer & Dev	A-	4.0000
4	DAMG 6210	Data Mgt and Database Design	A-	4.0000
5	ENCP 6000	Career Managmnt for Engineers	A	1.0000

Chatbot Interface section includes a 'Clear Chat' button and a chat area. The chat area shows a user query: 'Could you suggest me data related courses'. The chatbot response is: 'Here are some data-related courses that you might find interesting:'. The response lists two courses:

1. **Big-Data Systems and Intelligence Analytics (DAMG 7245)**
 - **Description:** This course offers a hands-on approach to understanding how large-scale data sets are processed and how data science algorithms are applied in the industry. It includes case studies and labs, focusing on building data pipelines and deploying data science algorithms.
2. **Data Science Engineering Methods and Tools (INFO 6105)**
 - **Description:** This course introduces fundamental techniques for machine learning and data science engineering, covering various algorithms and their practical applications through real-world case studies.

7. Chatbot Interaction

- **Step 11:** Use the chatbot to ask questions.
 - It provides user-specific answers based on your transcript, academic progress, and program requirements.

Hi, Linata

Chatbot Interface

Clear Chat



Ask me anything about your courses or general queries!



what courses left for my grad



Based on your current progress in the Information Systems, MSIS program, you have completed 17 credits and have 16 credits remaining. Here's a breakdown of your completed courses and what you still need:

Completed Courses:

1. Core Requirements:

- INFO 5100 - Grade: A-
- INFO 5101 - Grade: S

Chatbot Interface

Clear Chat

- INFO 5100 - Grade: A-

- INFO 5101 - Grade: S

2. Subject Area:

- INFO 6105 - Grade: A (4.0/16 credits completed)

3. Program Electives:

- DAMG 7370 - Grade: A

- DAMG 6210 - Grade: A-

Remaining Requirements:

- **Core Requirements:** You have completed all core requirements.
- **Subject Area Requirements:** You need to complete an additional 12 credits in the subject area (INFO).
- **Electives:** You need to complete 4 more credits in electives (12 credits required, 8 credits completed).

Enter your query here...

Chatbot Interface

Clear Chat

- **Subject Area Requirements:** You need to complete an additional 12 credits in the subject area (INFO).
- **Electives:** You need to complete 4 more credits in electives (12 credits required, 8 credits completed).

Next Steps:

1. **Electives:** Consider enrolling in electives that fall under the subject codes (CSYE, INFO, DAMG, TELE) to fulfill your remaining credits. You still have the option to take courses like CSYE 6220, which is an exception and does not count towards graduation requirements.
2. **Subject Area:** Look for additional courses in the INFO subject area to complete the remaining credits.

If you have specific courses in mind or need further assistance in selecting courses, feel free to ask!

Enter your query here...