

## Checking Endpoint Functionality UI | MIST 460 | Nada Mikky

- Commit → push code to UI repo #2

REPO #1: [NadaMikky/MIST460-Course-Recommender-Apis-Mikky](#)

REPO #2: [NadaMikky/MIST460-Course-Recommender-UI-Mikky: User Interface Repo](#)

- SQL Server Management Studio → run DDL → run insert data → run data objects  
→ confirm DB connected

- VS Code Terminal run:

```
python -m streamlit run course_recommender_ui.py
```

- Website will automatically Launch
- Or go to this website:

[Streamlit](#)

<https://mist460-course-recommender-ui-mikky-kf8jjnpzapm8t6khqdezvh.streamlit.app/>

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### Testing 7 Functionalities:

#### 1. Validate User:



**Validate User**

Username  
mjordan@wvu.edu

Password  
0x01

Validate

User validated successfully!

App User ID: 1, Full Name: Michael Jordan

## 2. Find Current Semester Course Offerings

### Find Current Semester Course Offerings

Subject Code

MIST

Course Number

460

Find Offerings

	SubjectCode	CourseNumber	CRN	Semester	Year	CourseOfferingID	NumberSeatsRemaining
0	MIST	460	30002	Fall	2025	14	0
1	MIST	460	30003	Fall	2025	15	6
2	MIST	460	30004	Fall	2025	16	3

## 3. Find Prerequisites

### Find Prerequisites for a Course

Subject Code

MIST

Course Number

460

Find Prerequisites

	SubjectCode	CourseNumber
0	MIST	450
1	MIST	452

#### 4. Check Prerequisites

## Check If Student Has Taken All Prerequisites for a Course

Student ID

Subject Code

Course Number

Check Prereqs

The student has taken all prerequisites for the specified course.

#### 5. Get Student Enrolled Course Offerings

## Get Student Enrolled Course Offerings

Student ID

Get Student's Enrollments

	CourseOfferingID	CRN	SubjectCode	CourseNumber	EnrollmentStatus	LastUpdate
0	1	10001	MIST	351	Completed	2025-11-16T05:40:17.068000
1	2	10002	MIST	352	Completed	2025-11-16T05:40:17.068000
2	4	10004	MIST	450	Completed	2025-11-16T05:40:17.068000
3	3	10003	MIST	353	Completed	2025-11-16T05:40:17.068000
4	5	10005	MIST	452	Completed	2025-11-16T05:40:17.068000
5	8	10007	MIST	355	Completed	2025-11-16T05:40:17.083000
6	6	10008	MIST	455	Completed	2025-11-16T05:40:17.083000
7	15	30003	MIST	460	Dropped	2025-11-16T19:04:53.337000

## 6. Enroll Student in Course Offering

### Enroll Student in Course Offering

Student ID

Course Offering ID

Enroll

Enrollment successful.

## 7. Drop Student from Course Offering

### Drop Student from Course Offering

Student ID

Course Offering ID

Drop

Drop successful.