

## **Title: Northeastern Course Repository**

### **Team Members:**

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### **Project Description:**

The goal of this project is to create a database containing all relevant resources. The resources database will include:

- Programs offered on the Boston campus of Northeastern University in the College of Engineering, and details about their duration, offerings, and specializations.
- The relevant study material (paid and free resources) for all courses offered by COE.
- Tools and software required by the courses.
- Program contacts (Professors/Advisors/Current Teaching Assistants).
- Future career outcomes post-degree completion.

We aspire to help learners through our initiative by helping them collate the resources they need to navigate their course.

### **Strategy:**

- We are planning to web scrape the NEU's website and other educational platforms extensively to gather data.
- We would research and conduct surveys to collate the best fit for our database.
- We would be then using the above information to create the resources database for any particular course offerings.

### **Outcome:**

A consolidated resource repository as a database that is publicly available on GitHub. This will include documentation on how to use the database and a detailed walkthrough by the end of the project.