

## **Team 38 Project Charter**

### **CampusLink**

**Team Members:** Hareum Lee, Xavier Dextra, Sparkle Biswas, Divay Gupta, Joseph Jackson, Rudis Sprenne

#### **Problem Statement:**

We are building CampusLink, a learning management system for creating, hosting, and editing online learning resources. Existing systems often have non-intuitive interfaces that can make it inconvenient for professors to perform routine tasks such as entering student grades, for students creating grade predictions, and for students to find assignments. For example, in BrightSpace finding quizzes and even assignments as a student is not always apparent and can be a hassle. We aim to make this process smoother with an easy-to-use interface.

#### **Project Objectives:**

- Build a website for teachers to manage the classroom and interact with students
- Intuitive interface and improved grade editing process
- Users can create student/teacher accounts to interact with the learning interface
- Implement a virtual classroom with features such as discussion boards, assignment submission portals, and Classroom announcements.

#### **Stakeholders:**

Users: Professors teaching college courses and students enrolled in these courses

Developers: Hareum Lee, Xavier Dextra, Sparkle Biswas, Joseph Jackson, Divay Gupta, Rudis Sprenne

Project Manager: Syed Muhammed

Project Owners: Hareum Lee, Xavier Dextra, Sparkle Biswas, Joseph Jackson, Divay Gupta, Rudis Sprenne

#### **Deliverables:**

- A React JS-based front-end web application that allows users to create and access virtual classrooms and other learning utilities
- A Node JS and Firebase backend that will serve network requests and manage user data.
- A Firestore database that manages user profiles as well as classes and grades.
- A discussion post feature where students can ask questions and participate in collaborative learning, and where instructors can assist students.

