

# Graduation Project Proposal Form

## 1. Project Information

- **Project Title:** Online Bookstore
- **Course/Track:** .Net Web  
Developer Track
- **Team Members:**
  - ○ Kareem Akram Mohamed
  - ○ Amr Mohamed Shawky
  - ○ Mostafa Nagy Helmy

## 2. Project Overview

- **Objective:** Develop an online bookstore application using the ASP.NET Core MVC framework. The application will allow users to browse and search for books, while the admin manages the book inventory, including adding, editing, and removing books. Additionally, the delivery person will be able to update the delivery status of orders. The project will follow the Model-View-Controller (MVC) design pattern for better structure and maintainability.
- **Scope of Work:** The project will cover the development of both the frontend and backend, implementing the MVC pattern for a clean separation of concerns, creating a responsive and user-friendly interface , and managing the book catalog and user interactions.
- **Expected Outcomes:** A fully functional online bookstore with features such as a search system, detailed book information, category filtering, and user reviews. The app will provide a seamless user experience, following best practices in MVC architecture.

## 3. Proposed Solution

- **Technologies Used:** ASP.NET Core MVC for both frontend and backend development, Entity Framework Core for database management, and SQL Server for data storage.
- **System Architecture:** The app follows the MVC architecture, with clear separation between the model, view, and controller layers. SQL Server will manage book inventory, user accounts, and reviews data.