

# DA3330 - Business Application Development

## Group Project

### 1. Task

Develop a web application for the given topic/scenario. You are expected to use Django or any other web application framework and CSS frameworks. Project codes should be properly maintained in a public GitHub repository.

Topics give only a high level idea. You are free to develop the idea as you wish. You may use built-in admin interfaces in the Django or other frameworks for administrative purposes. But you have to implement end user authentications and interfaces.

### 2. Topics/Scenarios

1. Library system – Members of the library should be able to search and browse for books by name, author, category and reserve books.  
**Groups:** ABCD, Absolute, Achievers
2. Microblogging platform – Users can register and make small posts like tweets and comment on others' posts.  
**Groups:** BCDH Group, EAGLES, Eighth Generation
3. HR application – HR managers can create employee profiles and keep track of their information. Employees can login to the application and request leaves etc.  
**Groups:** Eristroff, Happiness, MKCK
4. E-Channeling system – Users can register in the system and make appointments to available doctors. Administration create doctor profiles and manage their availability.  
**Groups:** Phoenix, PULSE, Quad squad
5. Simple e-commerce system – Shop management create and products under various categories. Customers can register in the system and add items to cart and checkout.  
**Groups:** Raya, Static Startup, The Crew
6. Photo sharing social network – Users can register and post their photos and tag their friends. They can also check others' photos and comment on them.  
**Groups:** The Squad, Thea, Titans
7. Quiz application – Teachers can login and create quizzes with MCQ questions. Students can login and attempt them.  
**Groups:** Triangle, Tycoons, Vikram

### **3. Grading Scheme**

This project will be grade based on the,

1. Functionality
2. Visual look and feel
3. Code quality
4. GitHub repository
5. Group collaboration

Check the attached evaluation rubric for more details.

### **4. Deadline**

The project should be submitted on or before 11<sup>th</sup> October 2022.

## DA3330 - Business Application Development Group Project Evaluation Rubric

Group					
Scale					Points
Dimension	Excellent	Good	Satisfactory	Unsatisfactory	
	30 points	20 points	10 points	0 points	
Functionality	Implemented all the functionality generally expected from the application	Implemented most of the functionality generally expected from the application	Implemented only the basic functionality expected from the application	Not even the basic functionality is covered	/30
Visual look and feel	30 points	20 points	10 points	0 points	/30
	Well-designed user interface using features of a CSS framework	Standard designed user interface with a CSS framework	Basic user interface design with some use of a CSS framework	Poorly designed interface without any CSS frameworks	
Code Quality	20 points	14 points	8 points	0 points	/20
	Well written refactored code with adhering to coding practices	Refactored code with adhering to coding practices	Refactored code without following coding practices	Poorly written code without following coding practices	
Git Repository	20 points	14 points	8 points	0 points	/20
	Git repository well maintained with 50+ commits	Git repository well maintained with 20+ commits	Git repository maintained but less than 10 commits	No Git repository maintained	
Total Marks					

### Individual Contribution in Git Repository

Dimension	Excellent 100% marks	Good 80% marks	Satisfactory 60% marks	Unsatisfactory 50% marks	Individual Points
Member 1					
Member 2					
Member 3					
Member 4					