



IS231: Web technology project

Purpose of the project is to practice and apply different concepts and techniques learned in the course. You are required to form a group of 5 or 6 students from the same labor with the same TA and choose only one of the listed projects related to FCI administration different departments to be developed as a web application

- Build the main pages using HTML, CSS, AJAX calls
- Back end functions will be written using python (Django Framework)
- Client side validations will be done using JavaScript

Project 1 (E-Commerce Website)

Overview: A platform for buying and selling products online.

Required minimum functionalities:

1. User can browse categories and collections of products with details (name, size, price, brand,...).
2. Users can search for products with filters (name, brand).
3. Users can view detailed product pages with images, descriptions, and specifications.
4. Users can add products to the shopping cart.
5. Users can remove products from the shopping cart with a confirmation dialogue before deletion.
6. Users can leave reviews and rate products, helping others make informed decisions.
7. Users can view all orders history and current orders status.
8. Website should have a well-designed navigation bar to go through all pages and a home page.

Project2(Real Estate Listing Site):

Overview: A marketplace for buying, selling, and renting properties

Required minimum functionalities:

1. Users can list their properties, providing details and images for potential.
2. Users can edit properties details.
3. Users can delete properties with a confirmation dialogue before deletion.
4. Users can browse properties with details (name, category price, location,..).
5. Users can search for properties with filters (name, category).
6. Users can view detailed properties pages with images, descriptions, and specifications.
7. Users can show contact details for the seller as a pop up dialogue.
8. Website should have a well-designed navigation bar to go through all pages and a home page.

Project3(Recipe Sharing Website)

Overview: A platform for users to share and discover recipes.

Required minimum functionalities:

1. Users can submit their own recipes, including ingredients, instructions, and photos.
2. Users can add category and tags to their recipes.
3. Users can save favorite recipes for easy access later.
4. Users can rate recipes and leave reviews, helping others choose which recipes to try.
5. Users can search to find recipes based on recipes name, category and tags.
6. Users can edit recipes (name, category, tags, ..).
7. Users can delete recipes with a confirmation dialogue before deletion.
8. Website should have a well-designed navigation bar to go through all pages and a home page.

Project4(Blog Platform)

Overview: A site to create, manage, and publish content on the internet as blogs.

Required minimum functionalities:

1. Users can add blog posts using a user-friendly form. User can add topic, content and often with options for adding images, videos, and links.
2. Users can edit blog posts.
3. Users can delete blog posts with a confirmation dialogue before deletion.
4. Allows users to search for specific topics for blogs.

5. Users can add tags to blog posts to help users find relevant posts easily.
6. Users can add category to blog posts.
7. Enables users to leave comments on posts.
8. Website should have a well-designed navigation bar to go through all pages and a home page.

Important Rules:

- Phase 1: build and submit all HTML and CSS pages for your website.
Phase 1 Deadline 15/11/2024 at 11:59pm.
- Teams should be formed from the same labor with the same TA.
- Teams should be either 5 or 6 members.
- No hard coded values for mentioned attributes user should enter his values and the system should store those values.
- Add any needed VALID assumptions and validations other than the mentioned validations at the client side and server side to complete the project requirements.
- Choose the suitable form fields and tags to match the requirements.
- Minimum number of HTML pages is 6 pages
- Designing the website in a good way will be graded.
- Any cheating project will be graded ZERO.
- Compress project to:
GroupID_LeaderID_Projectnumber_TAName_phasenumber.zip/.rar
- The project folder should include the whole code files and a coverpage for student names, IDs, Group number, project name and project number
- Only the team leader will submit the project.
- NO late submission is accepted.