CreatorsLab Internship Assignment: Django Web Application

Assignment Overview:

Welcome to the Django Internship Hiring Assignment! In this assignment, you will have the opportunity to demonstrate your Django web development skills by building a web application with the following features:

1. **User Authentication:**
   - Create a user registration system where users can sign up for accounts.
   - Implement a login system that allows registered users to log in securely.
2. **File Upload Feature:**
   - Implement a file upload feature where authenticated users can upload files (e.g., images, documents) to the server.
   - Ensure that only logged-in users can access the file upload functionality.
3. **Creative Webpage Design:**
   - Design the webpages for user registration, login, and file upload according to your imagination and creativity. You have the freedom to choose the layout, color scheme, and styling to create an aesthetically pleasing and user-friendly interface.
4. **GitHub Repository:**
   - Create a GitHub repository to host your project.
   - Commit your code regularly to the repository, and include a clear README.md file with instructions on how to run your application.

Instructions:

1. **User Registration and Authentication:**
   - Users should be able to register with a username, email, and password.
   - Implement user authentication using Django's built-in authentication system.
   - Ensure password security by hashing and storing passwords securely.
2. **File Upload:**
   - Authenticated users should be able to upload files through a user-friendly interface.
   - Implement file upload functionality with Django's file handling capabilities.
   - Store uploaded files on the server in a secure manner.
3. **Webpage Design:**
   - Design and create HTML templates for the following pages:
     - User registration
     - User login
     - File upload
   - Use CSS for styling to make your webpages visually appealing and responsive.
4. **GitHub Repository:**
   - Create a GitHub repository for your project.
   - Commit your code regularly with clear commit messages.

- Include a README.md file in your repository with instructions on how to set up and run your application.

Submission:

- Submit the link to your GitHub repository containing the Django project.
- Make sure your repository is public or provide access to the evaluators.
- Include screenshots of your webpages in the README.md file to showcase your creative design.

Evaluation Criteria:

You will be evaluated based on the following criteria:

1. Implementation of user registration and authentication.
2. Functionality and security of the file upload feature.
3. Creativity and design of webpages.
4. Code organization, readability, and adherence to best practices.
5. Completeness and clarity of the README.md file.

Note: Feel free to use any additional Django packages or libraries you find necessary for this assignment.

Deadline: 25th september

Good luck, and we look forward to reviewing your Django web application!