

**Question:**

You are tasked with developing a Django application with the following functionalities:

**1. Admin Facing:**

- Implement a custom admin interface where an admin can upload a PDF, specify the number of points users will earn for downloading that PDF, and manage these PDFs (create, update, and delete). You should not use Django's default admin interface for this functionality.

**2. User Facing:**

- Users should be able to:
  - Sign up and log in (you may use any authentication package you prefer).
  - View their name, profile, total points earned, and tasks completed.
  - Upload a screenshot as proof of task completion, using drag-and-drop functionality. For instance, users should be able to upload a screenshot of the PDF they have downloaded as confirmation.

**Requirements:****1. Custom Admin Interface:**

- Design and implement a Django view and form that allows an admin to:
  - Upload a PDF and specify the associated points.
  - Update the details of an existing PDF.
  - Delete a PDF.
- Create the necessary model to store PDF information and associated points.
- Provide an example of how to handle file uploads, point assignment, and CRUD operations (Create, Read, Update, Delete) for PDFs.

**2. User Features:**

- Implement user registration and login functionality using any package or library of your choice.
- Design a user dashboard that displays:
  - The user's name and profile information.
  - Total points earned.
  - A list of completed tasks.
- Create a form that allows users to upload a screenshot with drag-and-drop capability to confirm task completion.
- Create an api for searching the pdf uploaded by admin.

- Integrate a simple machine learning model into your Django application for predicting marks based on a single variable from the dataset provided and visualize it using matplotlib, and then deploy it as a feature for users,

**Deliverables:**

- Django models, views, and forms for both admin and user interfaces.
- Example implementation of drag-and-drop functionality for screenshot uploads.
- Description of third-party packages or libraries used for authentication and drag-and-drop features.
- Sample templates for the admin interface and user dashboard.