**Explanation Mvc Pattern**

1. **HTML (View)**:
   * Create a basic layout to display the app.
   * Include input fields for entering the student name and roll number.
   * Add a button to trigger the "Add Student" functionality.
   * Provide an empty list element (<ul>) to display the list of students.
2. **CSS**:
   * Style the app for a clean and modern look.
   * Add spacing, alignment, and colors for better user experience.
3. **JavaScript**:
   * **Model (Data)**:
     + Define a Student class with attributes: name and rollNo.
   * **View (Display)**:
     + The StudentView class manages all DOM manipulations (displaying students or showing messages).
     + Provide methods to update the list of students and alert messages.
   * **Controller (Logic)**:
     + The StudentController class connects the user interactions with the data and view.
     + Define a method to add a new student to the list.
     + Bind the "Add Student" button to a function that reads input, creates a Student object, and updates the view.
4. **Initialization**:
   * Create instances of StudentView and StudentController to link the MVC components.
   * Automatically bind the controller's methods to the UI elements.

**How It Works**

* The user enters a name and roll number and clicks the "Add Student" button.
* The **Controller** reads the input, creates a new **Student (Model)**, and adds it to the array.
* The **View** updates the displayed list of students and shows an alert message for feedback.

**Code:**

A screenshot of a computer

Description automatically generated

**Model:**

**A screen shot of a computer program

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**View:**

**A computer screen with colorful text

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**Controller:**

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**Initialize MVC:**

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**Output:**

**A screen shot of a computer

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**Fill:**

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**Final Output:**

**A screenshot of a student management form

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