Student Admission Management System - Mini Project

Step 1: Create Custom Objects

1. Student__c

- Student Name (Text)

- Email__c (Email)

- Phone__c (Phone)

- DOB__c (Date)

- Gender__c (Picklist: Male, Female, Other)

2. Admission__c

- AdmissionDate__c (Date)

- Course__c (Picklist: B.Tech, B.Sc, MBA, etc.)

- Status__c (Picklist: Applied, Approved, Rejected)

- Student__c (Lookup to Student__c)

Step 2: Apex Controller

```
public class StudentAdmissionController {
    public Student__c student { get; set; }
    public Admission__c admission { get; set; }

    public StudentAdmissionController() {
        student = new Student__c();
        admission = new Admission__c();
    }

    public PageReference saveDetails() {
        try {
            insert student;
            admission.Student__c = student.Id;
            insert admission;
                ApexPages.addMessage(new  ApexPages.Message(ApexPages.Severity.CONFIRM,  'Admission
```

```
successful.'));
    } catch (Exception e) {
        ApexPages.addMessage(new ApexPages.Message(ApexPages.Severity.ERROR, e.getMessage()));
    }
    return null;
    }
}
```

Step 3: Visualforce Page

```
<apex:page controller="StudentAdmissionController">
  <apex:form>
    <apex:pageMessages />
    <apex:pageBlock title="Student Admission Form">
      <apex:pageBlockSection title="Student Details" columns="2">
        <apex:inputField value="{!student.Name}" label="Student Name"/>
        <apex:inputField value="{!student.Email__c}" label="Email"/>
        <apex:inputField value="{!student.Phone__c}" label="Phone"/>
        <apex:inputField value="{!student.DOB__c}" label="Date of Birth"/>
        <apex:inputField value="{!student.Gender__c}" label="Gender"/>
      </apex:pageBlockSection>
      <apex:pageBlockSection title="Admission Details" columns="2">
        <apex:inputField value="{!admission.AdmissionDate__c}" label="Admission Date"/>
        <apex:inputField value="{!admission.Course__c}" label="Course"/>
        <apex:inputField value="{!admission.Status__c}" label="Status"/>
      </apex:pageBlockSection>
      <apex:pageBlockButtons>
        <apex:commandButton action="{!saveDetails}" value="Submit"/>
      </apex:pageBlockButtons>
    </apex:pageBlock>
  </apex:form>
```

</apex:page>

Step 4: Deployment & Testing

- Go to Setup -> Visualforce Pages -> New

- Save the Apex class in Developer Console

- Preview the page at: https://yourdomain.salesforce.com/apex/YourPageName

Optional Enhancements

- Add validation rules (e.g., no future DOB)

- Add triggers to send email on admission approval

- Add reports and dashboards for analytics