**UNI Smart Attendance**

Should have the following features:

**App Flow & Features Overview**

* **Splash Screen / User Guide**
  + On every app launch, display a splash screen with a quick user guide to help users understand how to navigate and use the app effectively.
* **Class Selection**
  + Allow users to choose their class from a list of options:
    - COET 1
    - COET 2
    - COET 3
    - COET 4
* **Class Representative (CR) Selection**
  + After selecting the class, prompt the user to select at least two Class Representatives (CRs).
    - Example names: Alex, Maria, etc.
* **Course Selection**
  + Once CRs are selected, present a list of at least 6 course names based on the selected class.
  + The user must select the relevant course for attendance.
* **Student Details Entry**
  + Input fields for student name and student ID:
    - Validate that the student name is not empty.
    - Validate the student ID to ensure it is between 4–8 characters long.
* **Marking Attendance**
  + Enable the user to mark attendance for the selected student and course.
  + Save the data into an attendance report.
* **Data Visualization**
  + Generate a **Bar Chart** from the recorded attendance data for visual analysis.
* **PDF Report Generation & Sharing**
  + Create a downloadable PDF report of the attendance data.
  + Enable options to **print** and **share** the PDF directly from the app.
* **Code Structure & Design Notes**
  + The entire project should be managed within a **single main.dart file** (for simplicity or project scope).
  + Apply a **clean, responsive UI/UX design**, ensuring the layout is intuitive, visually appealing, and mobile-friendly.