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**Subject** : Mobile Application Development (Project)

**Submitted To** : Sir Mohsin Jokhio

Creating a simple **Attendance Manager app** for Android follows a similar structure as the quiz app, but focuses on managing attendance records instead of quiz questions.

**1. User Interface (UI):**

* **Main Screen**: Display a list of participants (students, employees, etc.) with options to mark attendance (present/absent).
* **Attendance Buttons**: Use **RadioButton** for marking attendance as "Present" or "Absent" for each participant. You could also use **CheckBoxes** if you want users to mark multiple participants at once.
* **Submit Button**: A **Button** that allows users to save the attendance after marking each participant’s status.
* **TextView**: Show messages, such as "Attendance Marked" or "Attendance Saved", after the action is completed.

**2. Activity/Fragment:**

* The app’s main screen will usually start with a **MainActivity** or a **Fragment** displaying the list of participants. You could have different screens for different sessions, classes, or meetings, depending on your app's design.
* Use **RecyclerView** or **ListView** to display the list of participants dynamically, allowing users to scroll through them.

**3. Data Management:**

* **Storing Attendance Data**: Store participant details (e.g., name, status) in a database like SQLite, shared preferences, or a simple local file (JSON, CSV).
* **Attendance Records**: Each participant's attendance status can be saved and updated, and the system can keep track of the history for each user.

**4. Logic:**

* **Mark Attendance**: When the user selects "Present" or "Absent" for a participant, the app records the choice.
* **Save Data**: On clicking the **Submit** button, the app saves the current attendance data to the database or file.
* **Feedback**: After submission, the app can display a message like “Attendance Saved Successfully” or show a summary of the marked attendance.

This approach ensures a simple yet effective attendance management system that is easy to implement on Android.

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