Different States an Application Can Enter on the Android Platform:

▪ Active State: At this stage, the application is actively running in the foreground, with the user engaging directly with it.

▪ Paused State: The application remains visible to the user but loses focus, typically occurring when a pop-up dialog or another application partially covers the screen.

▪ Background State: In this state, the application runs in the background without being visible to the user. It can perform tasks such as data syncing or receiving notifications.

▪ Stopped State: The application is not actively running, and its process is terminated by the system. However, it can restart if the user returns to it.

▪ Inactive State: At this point, the application is not running, and its process is completely ended. To use the application again, the user must initiate a full restart.

Various States to Consider for my App:

▪ **Login/Registration State:**

Purpose: When a user opens the app for the first time or logs out and needs to log back in.

Actions: Display login/register screens, validate credentials, authenticate the user, and redirect to the appropriate state (e.g., home screen).

▪ **Home Screen State:**

Purpose: After successful login, where the user lands to navigate through the app.

Actions: Display user-specific content based on their role (applicant or organization), show navigation options, and load relevant data.

▪ **Profile Editing State:**

Purpose: When a user wants to edit their profile information.

Actions: Present profile editing screens with fields for updating information, validating changes, and saving updated data to the database.

▪ **Offer Listings State:**

Purpose: Where users can view available training offers.

Actions: Fetch and display a list of training offers, provide search and filter options, and allow users to view offer details.

- **Offer Details State:**

  Purpose: When a user wants to see detailed information about a specific training offer.

  Actions: Display offer details, including position, company name, location, duration, and requirements, along with an option to apply if eligible.

- **Review and Rating State:**

  Purpose: When a user wants to rate and review a training offer or company.

  Actions: Allow users to give ratings and write reviews, validate inputs, submit data, and display ratings for offers/companies.

- **Organization Account State:**

  Purpose: For organizations to manage their accounts and offers.

  Actions: Provide tools for organizations to create, edit, and view training offers, manage applicant data, and update their profiles.

- **Search State:**

  Purpose: When a user wants to search for specific training offers or organizations.

  Actions: Implement search functionality, display search results, and allow users to navigate to relevant pages.

- **Notification State:**

  Purpose: When a user receives notifications about matching offers with your CV.

  Actions: Handle incoming notifications, show relevant information to the user, and allow interaction (e.g., opening a match offer).

  Each of these states is crucial for providing a seamless user experience and ensuring that users can perform necessary actions within the app. Handling transitions between these states effectively contributes to my app's overall usability and functionality.