**Android-based Graduate Student-Supervisor Daily Interaction System**

The development of a daily interaction system between graduate students and mentors addresses the modernized demand for information transmission, facilitates effective communication and guidance between mentors and graduate students, and elevates the quality of graduate education.  
Method: Java/Kotlin, Android Studio, etc.

Important to be user friendly and has a modern, professional UI design. App name either **SupervisorCo** or **GradTrack**. Here are some essential functions and pages to include:  
  
**Functions**:

**1. User Authentication:**

* Implement secure login for both students and supervisors.

**2. Profile Management:**

* Allow users to create and manage their profiles with relevant details (name, contact info, program details).

**3. Messaging and Notifications:**

* Enable real-time messaging between students and supervisors.
* Push notifications for important updates and messages.

**4. Meeting Reservation:**

* Integrated calendar for scheduling meetings and appointments.
* Reminders for upcoming meetings.

**5. Progress Tracking:**

* Students can update their progress reports.
* Supervisors can provide feedback and track student milestones.

**6. File/Data Sharing:**

* Ability to share, save documents like research papers, drafts, and presentations securely.
* Document co-editing

**7. Task Management:**

* Create and assign tasks related to research projects.
* Track task completion status.

**Pages/Features:**

**Login/Register Page:**

* Authentication for students and supervisors.

**Dashboard:**

* Overview of recent activities, upcoming appointments, and messages.

**Profile Page:**

* View and update user profiles, settings, etc.

**Messaging Page:**

* Interface for real-time messaging between users.

**Calendar/Planner:**

* Schedule appointments and view upcoming events.

**Progress Tracking Page:**

* Track student progress and supervisor feedback.

**Document Repository:**

* Store and share documents securely.

**Task Management Page:**

* Assign tasks, set deadlines, and track task completion.