Team Area51

Android App Development Week2 Report

Team Members :

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Week 2:

Firebase Linking

- **Project Setup**: Configured Firebase in the project and linked it with the app.
- **Services Enabled**: Enabled necessary Firebase services like Authentication, Firestore Database, and Analytics.
- **Integration**: Integrated Firebase SDK into the app for seamless functionality.

Splash Screen

- **Design Implementation**: Designed and implemented the splash screen as per the Figma design.
- **Animation**: Added a smooth transition animation for the splash screen.
- **Duration**: Set the splash screen to display for a few seconds before transitioning to the login screen.

Login Page

- **UI Design**: Created the login page layout based on the Figma design.
- **Functionality**: Implemented user input fields for email and password.
- **Validation**: Added input validation to ensure correct data entry.
- **Authentication**: Integrated Firebase Authentication to handle user login.

Signup Page

- **UI Design**: Created the signup page layout based on the Figma design.
- **Functionality**: Implemented user input fields for email, password, and confirm password.
- **Validation**: Added input validation for email format, password strength, and password match.
- **Authentication**: Integrated Firebase Authentication to handle user signup.

Authentication

- **User Management:** Implemented user authentication using Firebase Authentication.
- **Session Handling:** Managed user sessions to maintain login state across app usage.
- **Error Handling:** Added error handling for common authentication errors (e.g., invalid email, incorrect password).

Next Steps:

- **Further refine the app's UI and UX based on user feedback.**
- **Implement additional features as outlined in the project plan.**
- **Continue testing and debugging to ensure smooth functionality.**