

Name: Khyati M Sanghavi

Expense Ease

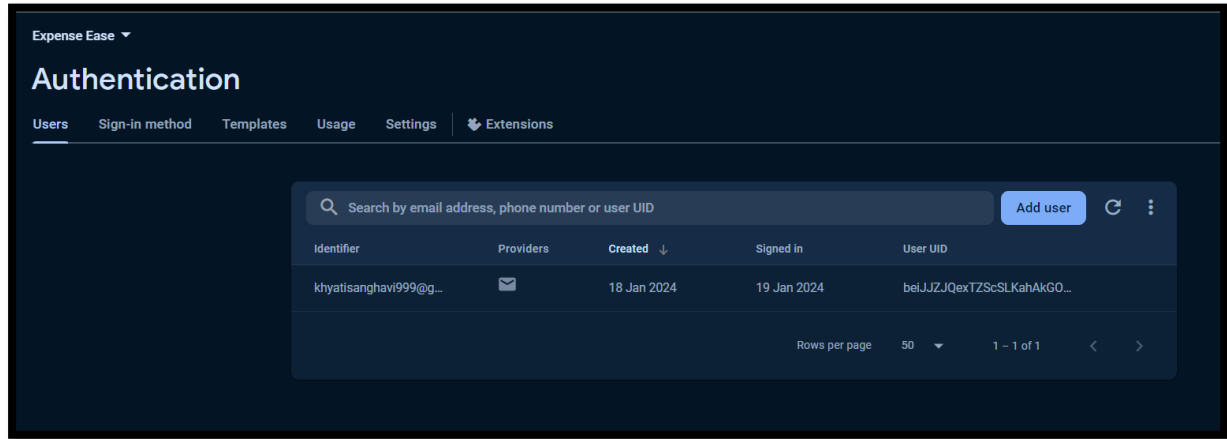
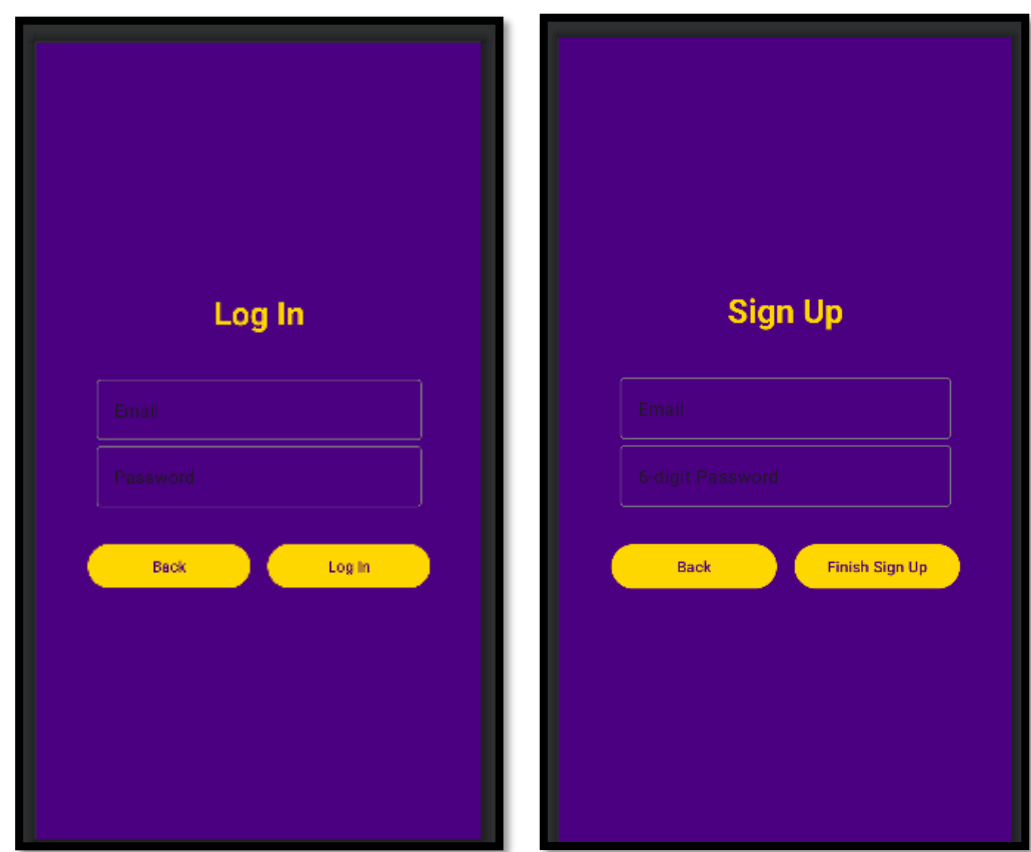
1. Login/Sign Up: Firebase Authentication

Description: Users can log in or sign up to the app using Firebase Authentication.

Implementation: Utilize Firebase Authentication to manage user registration and login securely.



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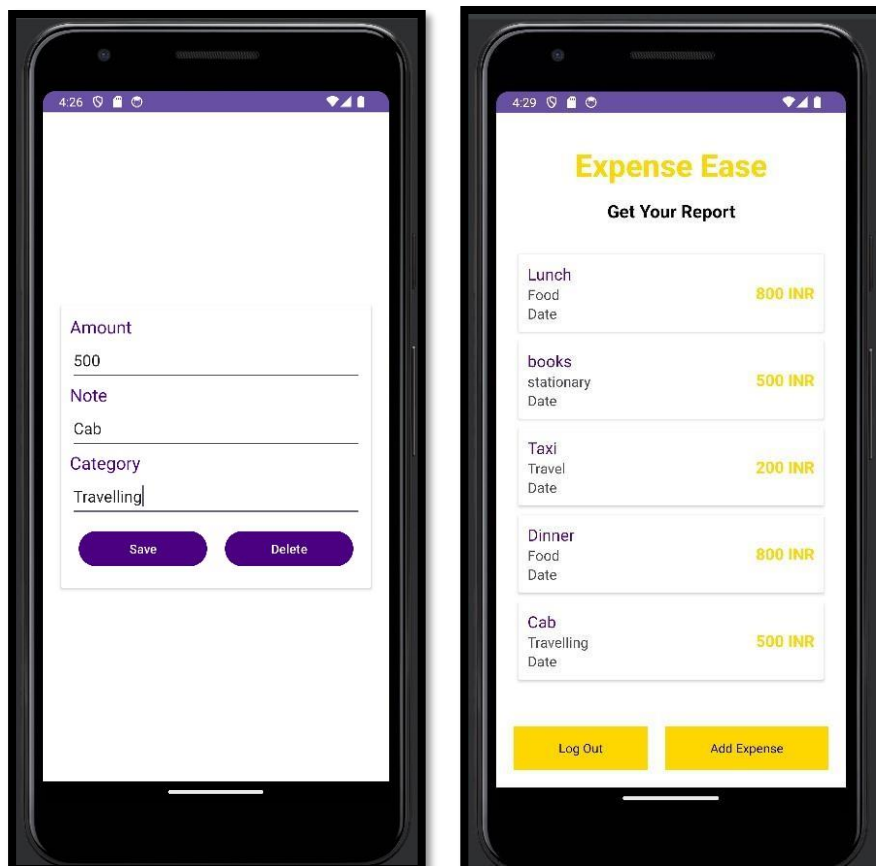
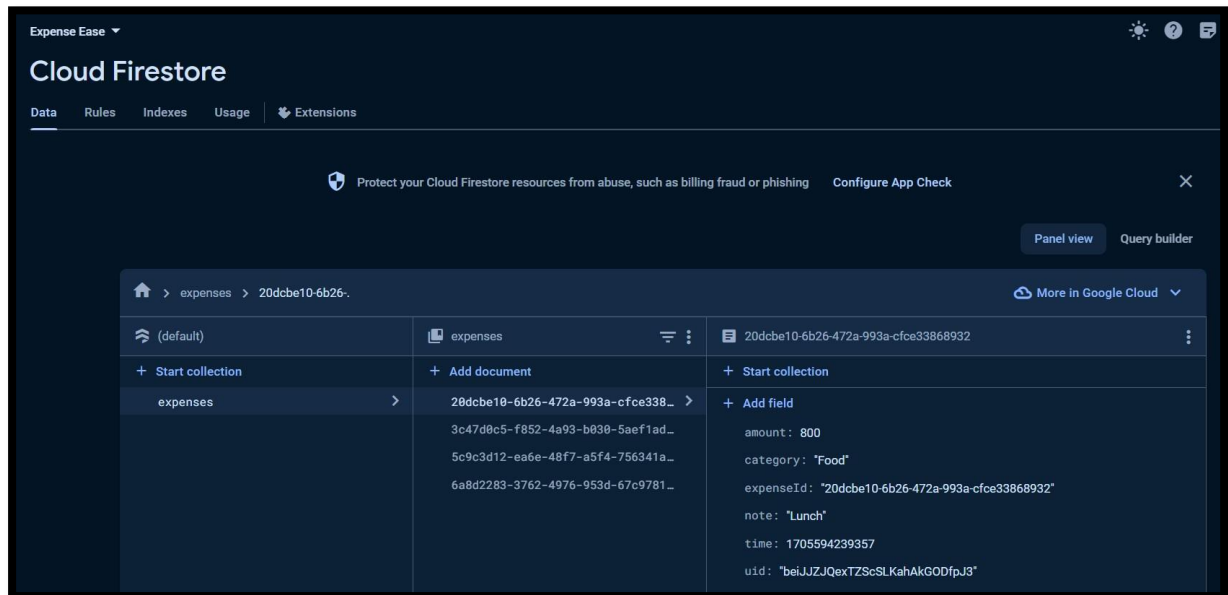


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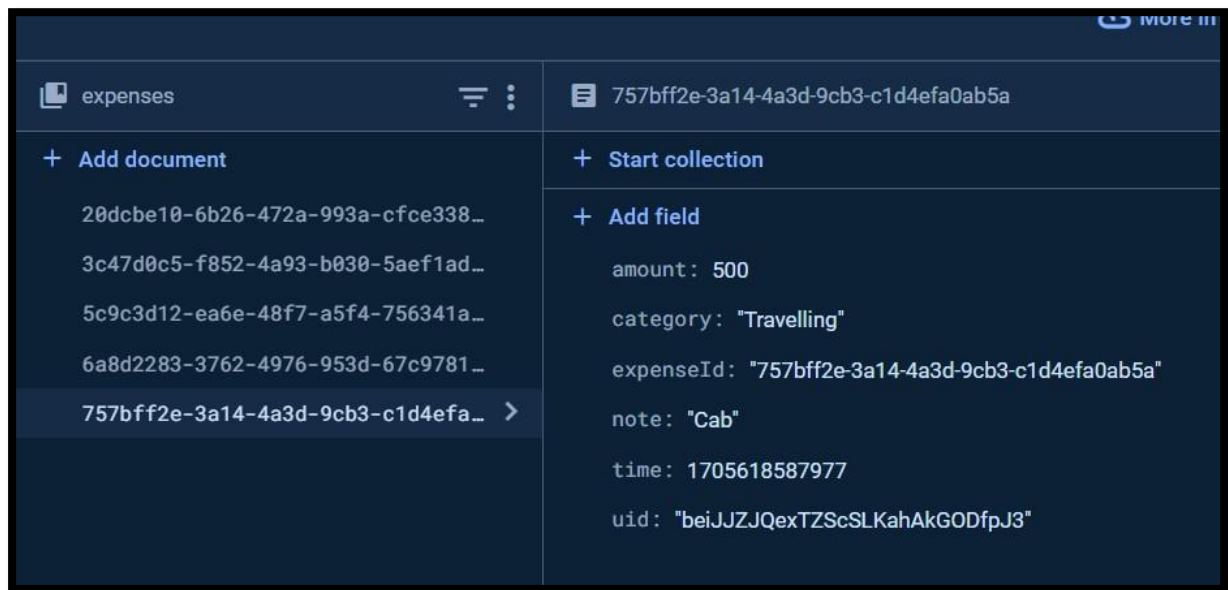
2. Add Expense: Firebase Real-time Database

Description: Users can add various expenses (e.g., taxi rides, flight tickets, hotel expenses, dinner expenses) through the app.

Implementation: Store expense details (such as note, category, amount, timestamp) in the Firebase Real-time Database for real-time synchronization across devices.



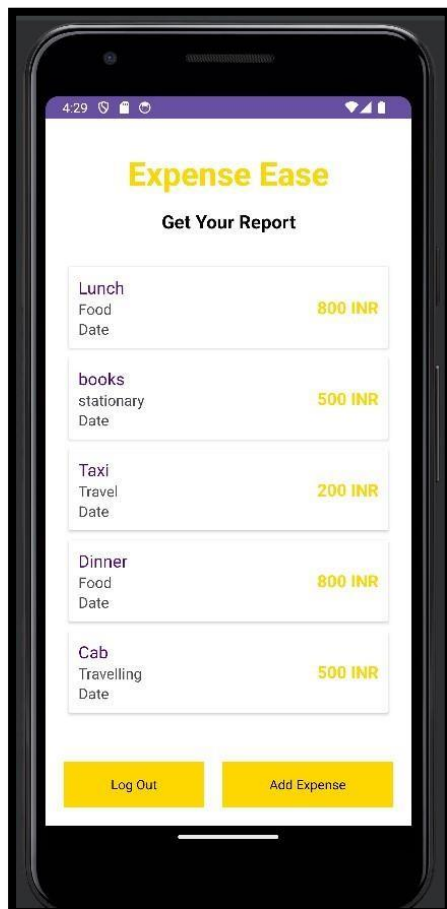
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3. Display Expenses in RecyclerView on Homepage:

Description: All added expenses are displayed in a RecyclerView on the homepage.

Implementation: Use a RecyclerView in conjunction with an 'ExpenseAdapter' to dynamically display the list of expenses. Each item in the RecyclerView represents a transaction, showing details like note, category, amount, and date.

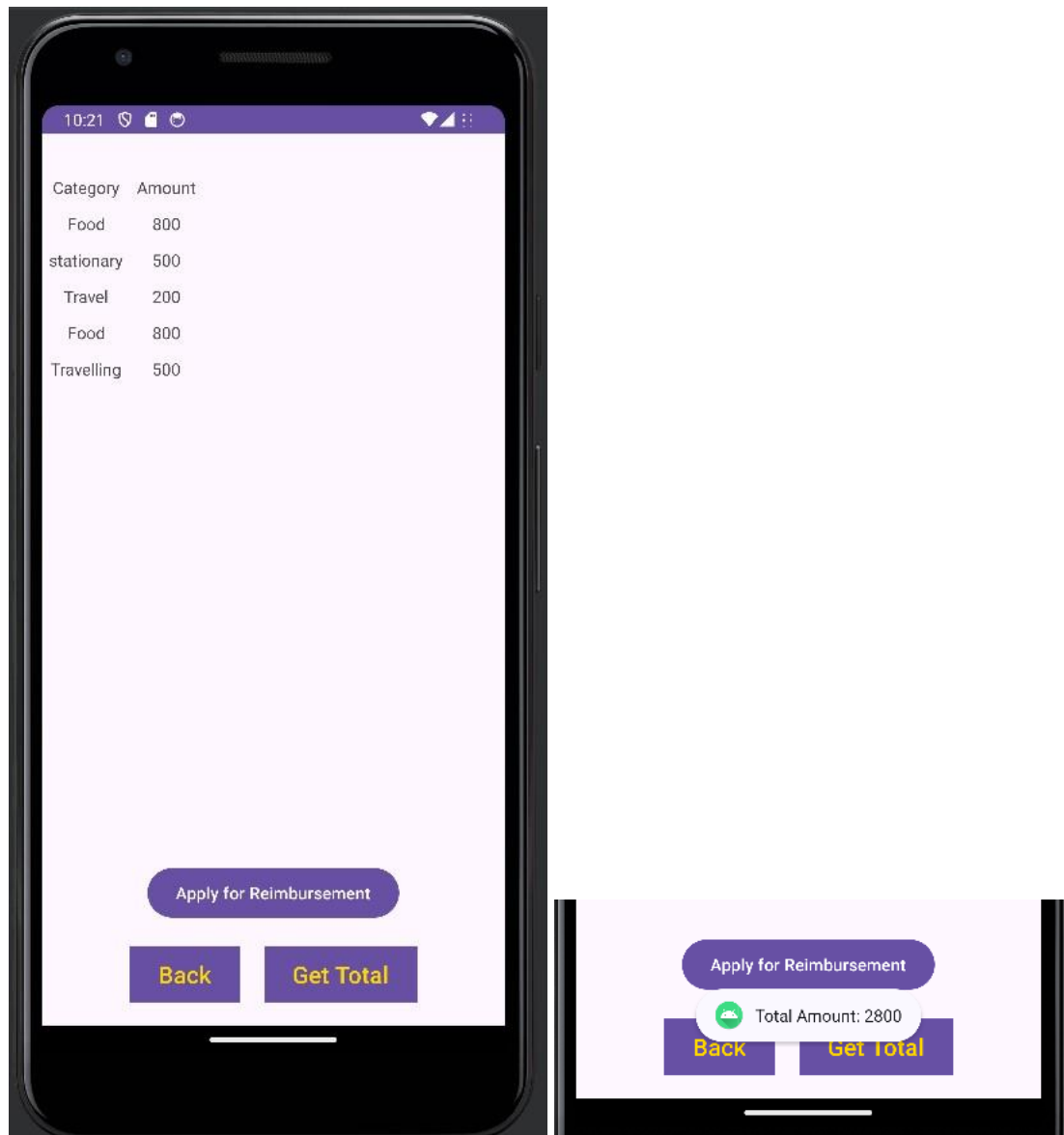


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4. Monthly Expense Report:

Description: Users can generate a monthly expense report to get an overview of their expenses for reimbursement purposes.

Implementation: Use Firebase queries to fetch expenses within a specific month and display them in a formatted report.



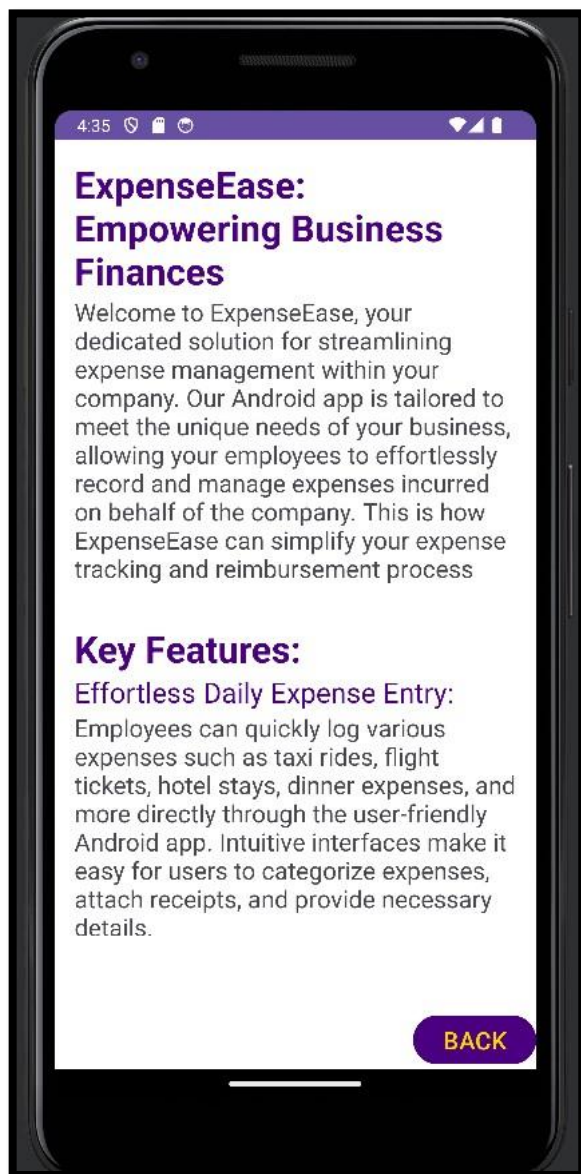
5. Logout:

Description: Users can log out of the app securely.

Implementation: Implement a logout functionality using Firebase Authentication.

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6. Enhanced User Experience with About us Page:



7. Security Measures:

Description: Implement security measures to protect user data and ensure secure transactions.

Implementation: Utilize **Firestore Security Rules** to control access to your **Firestore Real-time Database** and ensure that only authenticated users can read and write data.

8. User Profile:

Description: Allow users to view and update their profile information.

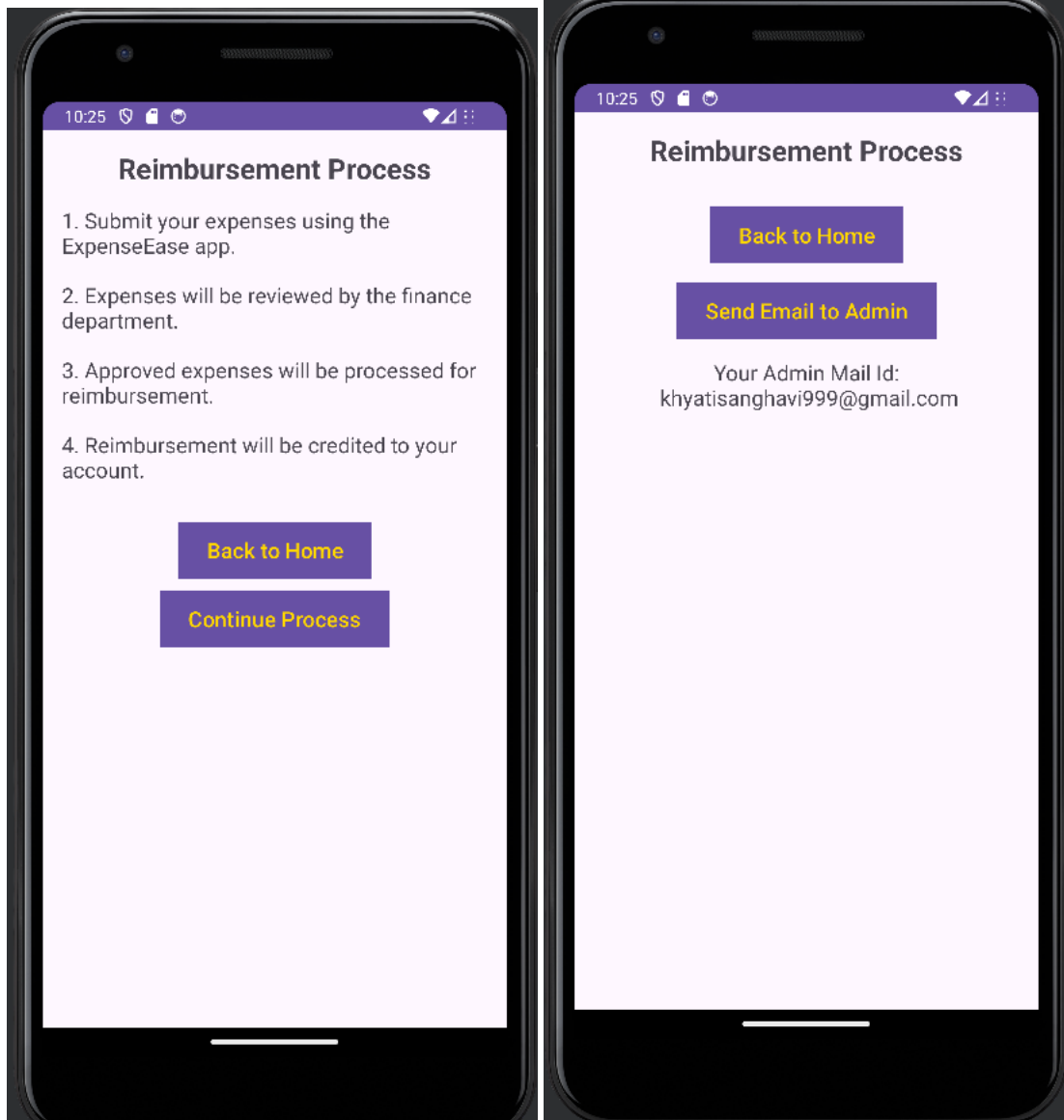
Implementation: Use **Firestore Authentication** to access and update user profile information.

9. Expense Details:

Description: Allow users to view detailed information for each expense, including category, notes, and transaction date.

Implementation: Implement a feature to view detailed information about each expense, possibly by tapping on the corresponding item in the RecyclerView.

10. Reimbursements



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