

# Define the Core Features

## User Registration/Login:

- **Simple Registration:** Email and password sign-up, with optional Google or Facebook OAuth for convenience.
- **Secure Login:** Implement two-factor authentication for added security.
- **Profile Management:** Allow users to manage their profile information and secure their account settings.

## Expense Input:

- **Quick Entry:** Design an interface for rapid entry of expenses on the go.
- **Expense Categories:** Pre-defined categories for common expenses, with the option to add custom categories.
- **Mileage Tracker:** An optional feature to track mileage as an expense using GPS.

## Receipt Scanning and Storage:

- **Camera Integration:** Use the device's camera to scan receipts.
- **Image Processing:** Implement OCR (Optical Character Recognition) to extract data from receipts automatically.
- **Cloud Storage:** Store images securely in the cloud for easy retrieval and backup.

## Expense Tracking and Categorization:

- **Automated Categorization:** Use machine learning or rule-based algorithms to categorize expenses based on merchant or user history.
- **Interactive Dashboard:** Visualize expenses with charts and graphs for quick insights.
- **Custom Tags:** Allow users to add tags to expenses for more detailed organization.

## Report Generation:

- **Custom Reports:** Generate reports based on date ranges, categories, and tags.

- **Export Options:** Allow users to export reports in PDF or CSV formats.
- **Tax Reports:** Special reports that can help during tax season, highlighting potential deductions.

## **Data Backup:**

- **Cloud Sync:** Use services like Firebase to sync data across devices.
- **Data Encryption:** Ensure that all data is encrypted both in transit and at rest.
- **Offline Access:** Allow users to input expenses even when offline, with automatic sync when they're back online.