Budgeting App Plan

I. Introduction

The purpose of this document is to outline the features and user interface of a budgeting app built using Kotlin. The app is designed to help users manage their finances by providing them with tools to set up a budget plan, track their expenses, and monitor their progress toward saving goals. The app aims to be user-friendly, with a clean and intuitive interface that allows users to access all features easily.

The app will have a range of features, including user authentication, a dashboard, budget planning tools, expense tracking, bill reminders, saving goals, reports, settings, and receipt scanning. The dashboard will serve as the app's home screen and provide users with an overview of their budget, income, expenses, and remaining funds. Users will be able to create a budget plan and allocate funds to various categories, track their expenses, and receive reminders for upcoming bills. Additionally, the app will allow users to set saving goals and monitor their progress toward meeting those goals.

One of the unique features of this app will be its ability to scan receipts and automatically add them to the user's expenses. The app will use image recognition technology to identify key details, such as the date, vendor, and amount, and add them to the user's expense history. The app will also save a copy of the receipt as a picture, which can be useful for returns or for company expense reports. This feature can also turn the app into a business tool for companies to track employee expenses and facilitate reimbursement for expenses paid by the employee.

Overall, this app will be a valuable tool for anyone looking to improve their financial management skills and achieve their saving goals. With its comprehensive features and user-friendly design, it will provide a convenient and effective way for users to stay on top of their finances, both for personal use and for businesses looking to track employee expenses.

II. User Authentication

- **Login and registration screens:** The app will have a login screen where users can enter their email and password to access their account. If the user does not have an account, they can click on the registration button to create a new account. Once they click on the registration button, they will be taken to the registration screen where they can enter their email, create a username and password, and confirm their password.
- **User profile and settings:** The user profile screen will show the user's profile information, such as their name, email, and profile picture. From the profile screen, users can also access their account settings where they can change their password, notification preferences, and language settings.

III. Dashboard:

- **Home screen overview:** The dashboard will provide users with an overview of their current financial status. This includes the user's total income, expenses, remaining funds, and progress toward their saving goals. Users can also see a breakdown of their expenses by category and their savings history. The home screen will also include a menu button that will allow the user to navigate to other sections of the app.
- **Income and expense trackers:** The income and expense trackers will allow users to see how much money they are earning and spending in real-time. The app will automatically categorize each expense to make it easier for users to track their spending habits. Users can also customize the categories to better fit their needs. The user will be able to see how much they have spent in each category and how much they have left in their budget for each category.
- **Remaining funds and saving goals:** The dashboard will display the user's remaining funds after expenses, as well as their progress toward achieving their saving goals. Users can customize their saving goals and track their progress toward those goals.
- **Receipt scanning and storage**: The app will have the ability to scan receipts and automatically add them to the user's expense history. The app will also save a copy of the receipt as a picture, which can be useful for returns or for company expense reports. Users can also view their receipt history to track their expenses over time.

IV. Budget Planning:

- **Setting up a budget plan:** Users will be able to set up a budget plan by allocating funds to various categories, such as food, rent, and entertainment. The app will automatically calculate the remaining funds for each category based on the user's income and expenses. Users can also set up budget alerts if they exceed their budget.
- **Allocating funds to categories:** Users can set a budget for each category and allocate funds accordingly. The app will display the user's remaining funds for each category and will provide a warning if they exceed their budget. Users can also view their budget history to track their progress over time.
- **Customizing budget settings:** Users can customize their budget settings by changing the frequency of their budget cycle, setting up automatic transfers, and adjusting the currency used. Users can also customize their budget categories to fit their specific needs.

V. Personal Expense Tracking:

- **Adding expenses manually:** Users can add expenses manually by entering the amount, date, and category of the expense. They can also add notes to the expense for future reference. The app will automatically update the user's expense history and display the expense on the dashboard.
- **Scanning receipts and auto-filling expense details:** The app will display the user's expense history in a clear and organized way, showing the date, amount, and category of each expense. Users can also view their expenses by category or by month to analyze their spending habits and identify areas where they can save money.
- **Categorizing expenses:** Users can categorize their expenses by assigning them to specific categories, such as food, rent, and transportation.

VI. Company Expense Tracking:

- **Managing employee expenses:** The app can be used by companies to track their employees' expenses. Employers can assign each employee an account and monitor their expenses in real-time. Employers can also approve or reject expenses submitted by employees and provide feedback on the expenses.
- **Employee expense submission:** Employees can submit their expenses through the app by scanning receipts or adding expenses manually. They can categorize each expense and add notes for future reference. The app will automatically

update the employee's expense history and notify the employer of the expense submission.

- **Expense approval and reimbursement:** Employers can approve or reject employee expenses and provide feedback on the expenses. If an expense is approved, the employer can initiate the reimbursement process directly through the app. The app will track the reimbursement status and notify the employee once the reimbursement has been processed.

VII. Bill Reminders:

- **Adding bills and due dates:** Users can add bills and their due dates to the app. The app will remind the user when a bill is due and allow them to mark it as paid once paid.
- **Setting up reminders:** Users can set up reminders for upcoming bills and customize the notification settings for each reminder.
- **Marking bills as paid**: Users can mark their bills as paid, which will update their expense history and budget accordingly.

VIII. Saving Goals:

- **Creating a saving goal:** Users can create a saving goal by setting a target amount and a deadline for achieving the goal.
- **Tracking progress toward the goal:** The app will display the user's progress toward their saving goal, including the amount saved and the amount remaining to reach the target.
- **Customizing saving goal settings:** Users can customize their saving goal settings by adjusting the target amount, deadline, and notification settings.

IX. Settings:

- **Access to general app settings:** The user will be able to access general app settings, such as the ability to change their password or email address. They can also customize notification settings, such as turning on or off bill reminders. The language and regional settings can also be customized according to the user's preference.

IX. Reports:

- **Generating expense reports:** Users can generate expense reports that show their spending habits over

Conclusion

The app provides users with an easy and efficient way to manage their finances, track their expenses, and achieve their saving goals. The app also has features for businesses to track their employees' expenses and provide reimbursements.