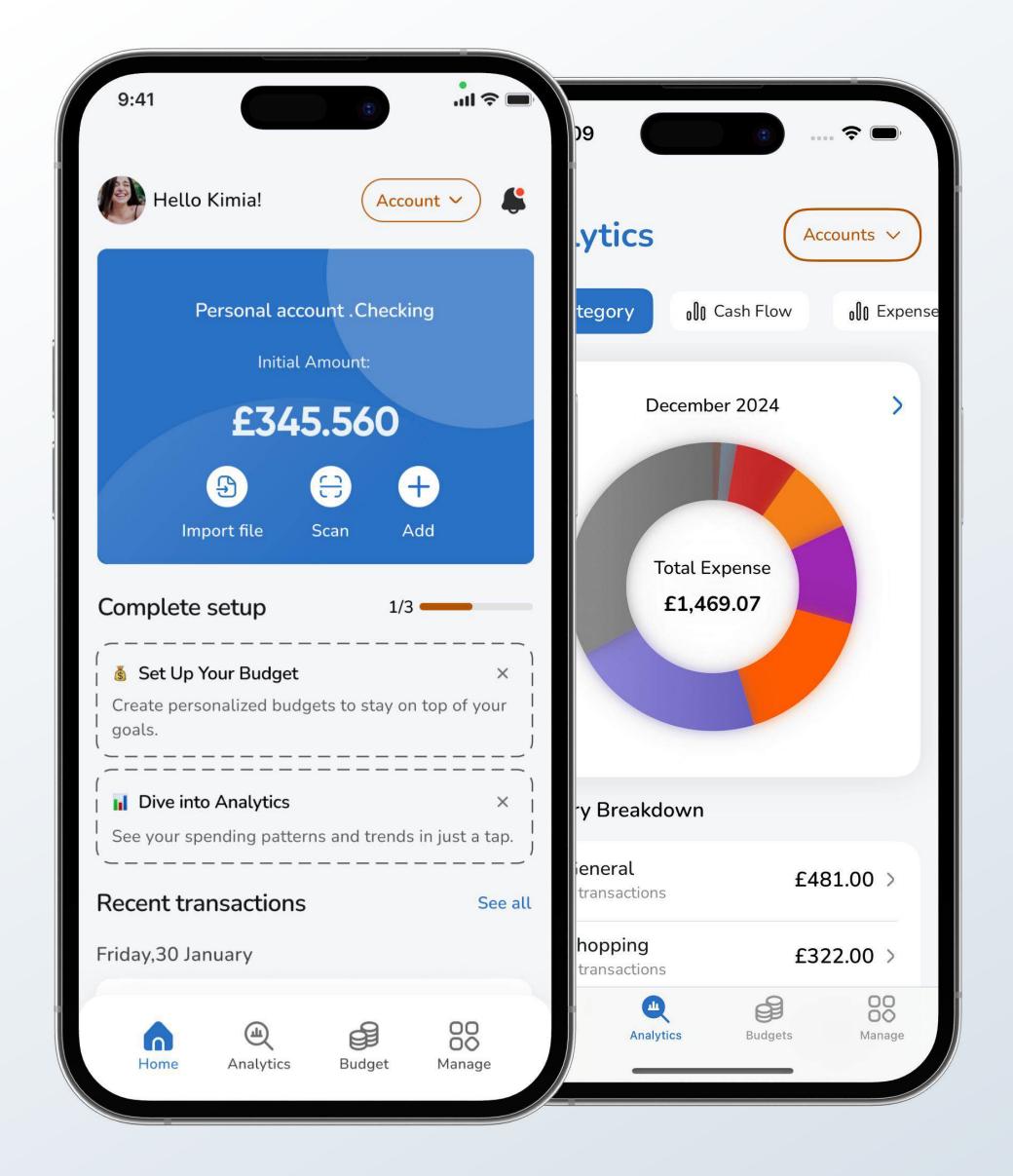
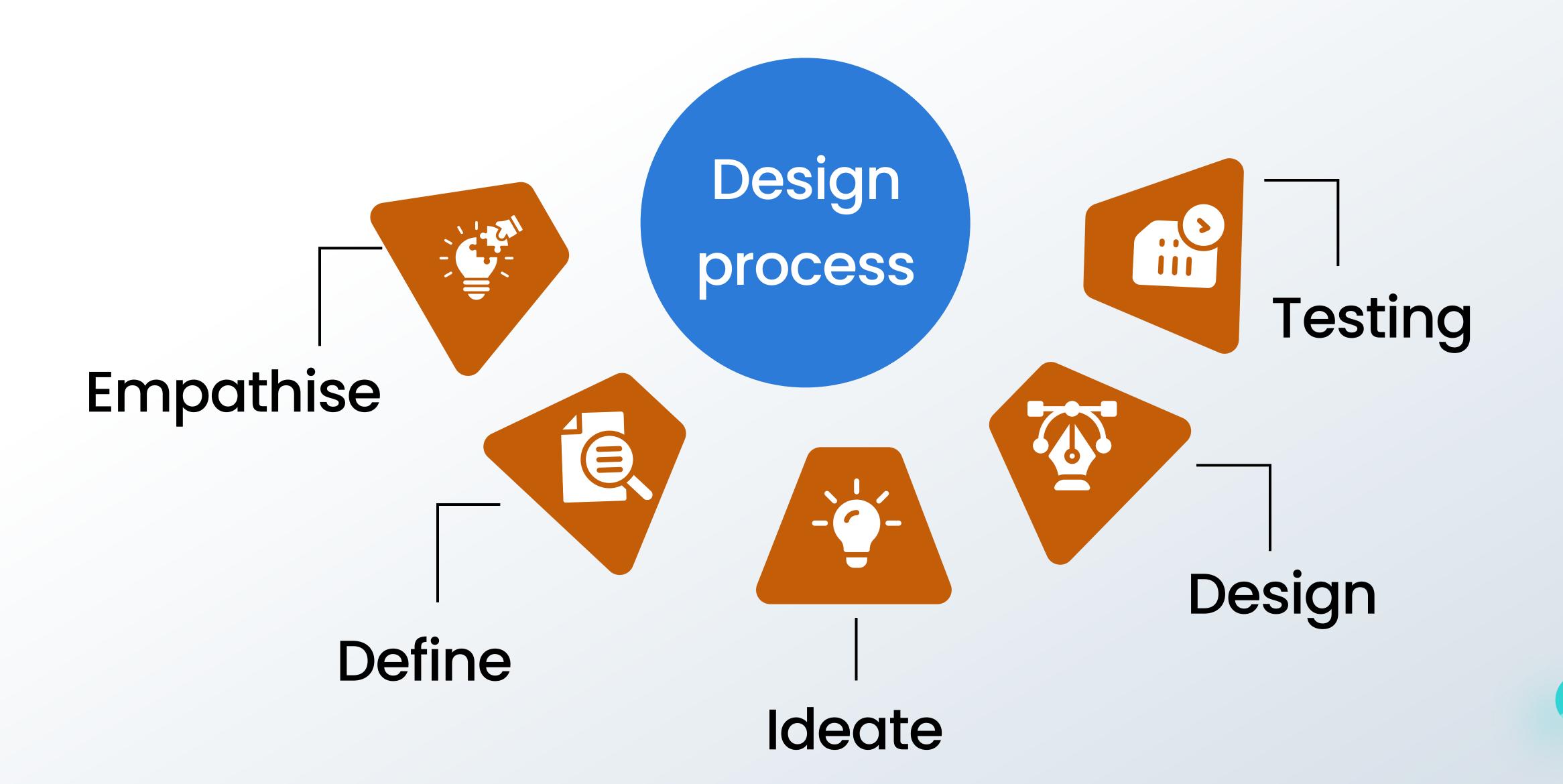
## JointBudget

n advanced platform for meticulous account management, expenditure monitoring, and precise budgeting for each account is offered by the JointBudget application. Detailed charts provide key spending insights to enhance financial decisions. Plus, all features can be easily shared, enabling collaborative budgeting with others.





## Problem Statement

Effective account management is essential for individuals to monitor their finances and understand their financial position at any given moment. Without a clear overview of income, expenditures, and savings, it becomes difficult to make informed financial decisions, which can lead to overspending, missed savings opportunities, or financial stress.

Many also face the added complexity of managing joint accounts with partners, children, or other family members, which introduces additional layers of coordination and communication. In such cases, it becomes crucial to track not only personal financial activities but also shared transactions and budgets.

# Empathise-Competitive analysis



#### Pros

- Collaborative Budgeting: Buddy allows users to share their budgeting process with others.
- Reminders and Recurring Transactions: The application supports reminders and the setting up of recurring transactions.

#### Cons

- User Experience Challenges: The application's user interface, particularly the date picker, poses usability challenges, especially for individuals with disabilities.
- Lack of Analytics: There is no dedicated analytics section.
- Restricted Functionality: Users encounter limitations within the app, such as restrictions on adding new transactions.

## Qualitative research

I conducted **Semi-Structured Interviews** with four participants to explore their financial management challenges and needs. Through in-depth questions, I aimed to gain a clearer understanding of their experiences.

View Affinity Diagram

Due to the company's privacy I am not able to share all the documents

## Challenges

- Generating ideas that accurately reflect diverse user needs through thorough research.
- Achieving consensus with both the team and stakeholders on which ideas to prioritize.
- Balancing user priorities with the overall project goals.
- · Identifying which ideas are feasible for phase one implementation.
- Managing user expectations while planning phased implementations for future project stages.

## Empathy Map

I struggle with managing my expenses.

I aim to avoid spending all my money on pizza.

struggle with not knowing where their money is going

SAY

I need to organize and manage all my accounts.

To allocate money carefully, I must do effective budgeting.

Make a file and gather all the expenses

Think

I attempt to write my expenses.

I try to budget manually.

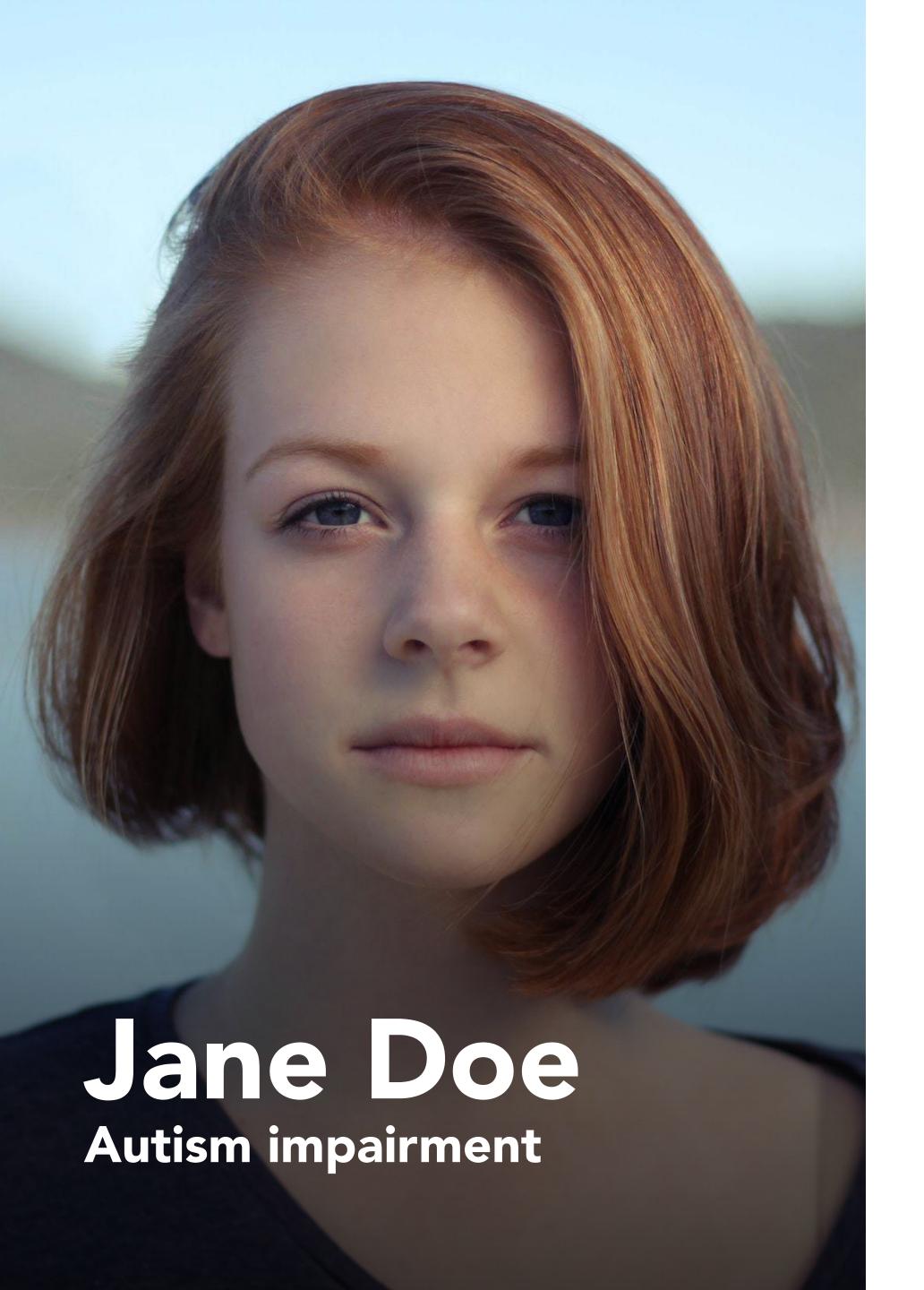
Make a report to track

I feel
overwhelmed
due to my
disorganized
transactions.

I'm anxious about spending all my income on food. I'm concerned about had less money left than I expected

Does

Feels



### 28 Years Old Network specialist

## **User Story**

I'm Jane. I'm a 28-year-old network specialist working on exciting tech projects from home. I enjoy staying organized, whether it's planning my day or managing my personal finances. In my free time, I love exploring minimalist design and calm apps that help me keep track of things.

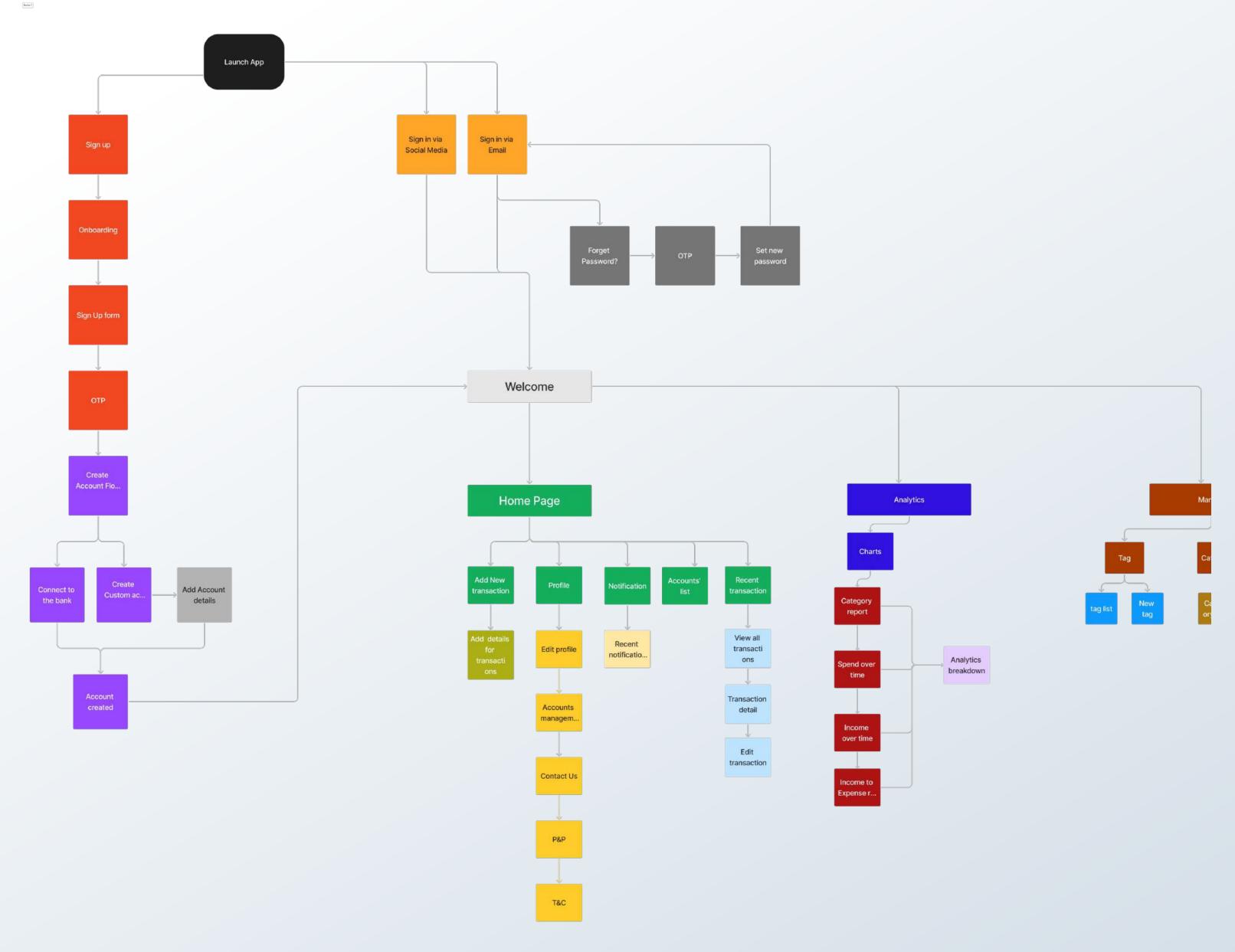
### Goals

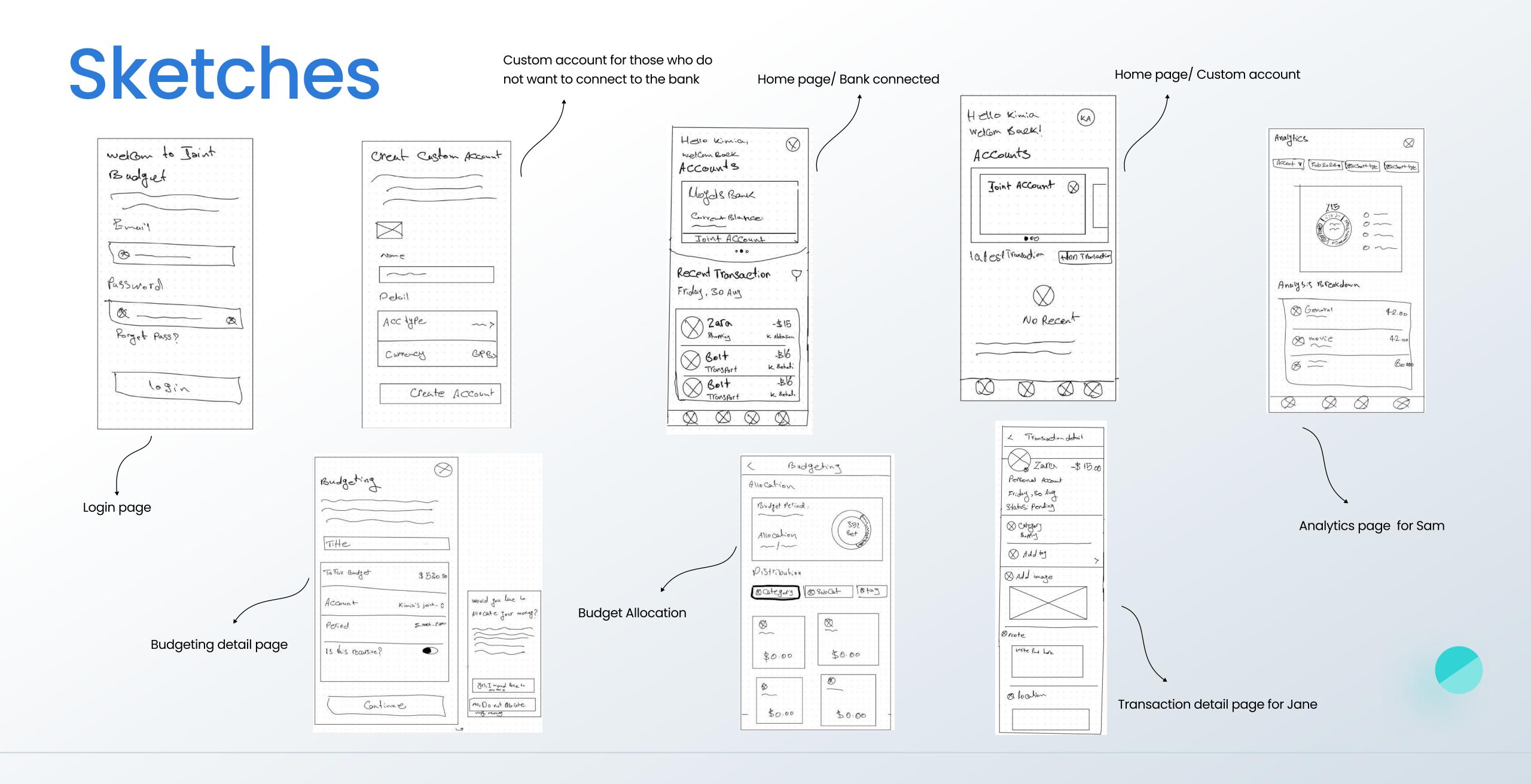
- She needs budget and expense management.
- She indented to stop her overspending by tracking them.
- She needs to write a note for each spending

### **Pain Points**

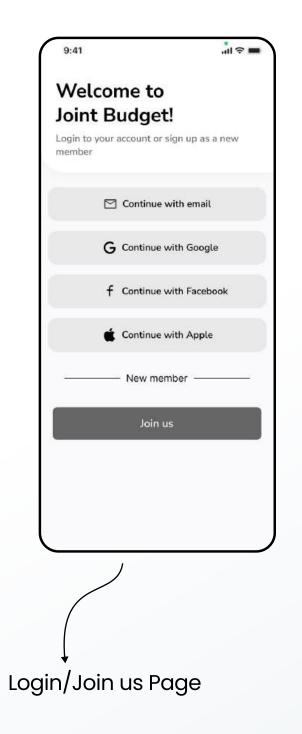
- Due to her job, she does not have enough time to track her joint account expenditures.
- She cannot concentrate on flashing and messy background.
- She can not share home budget with her husband.

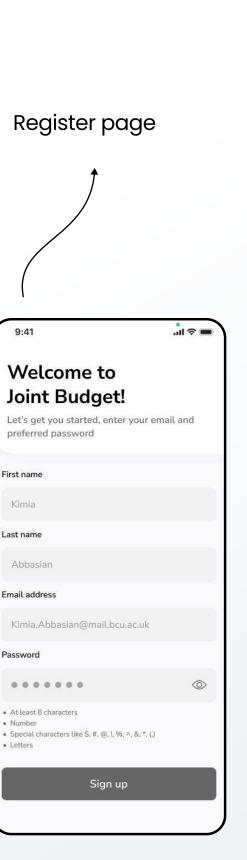
## Information Architecture

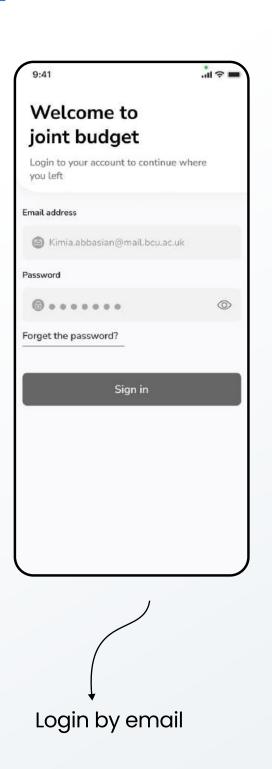


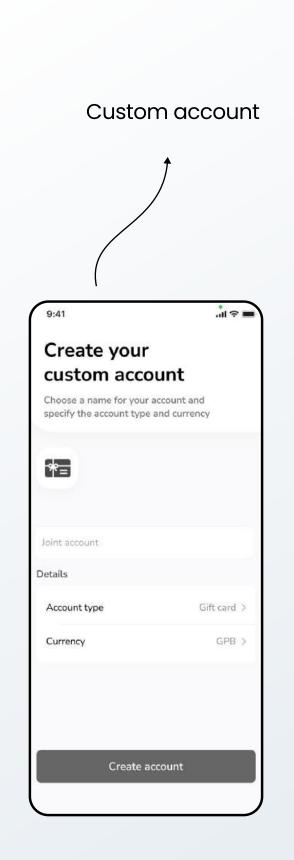


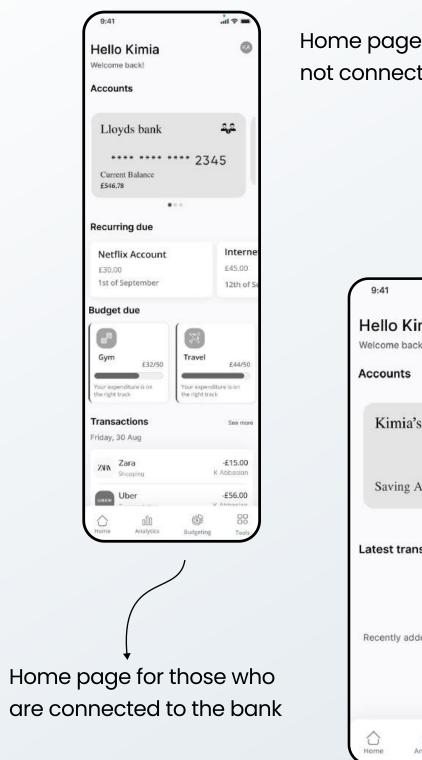
# Low-fidelity

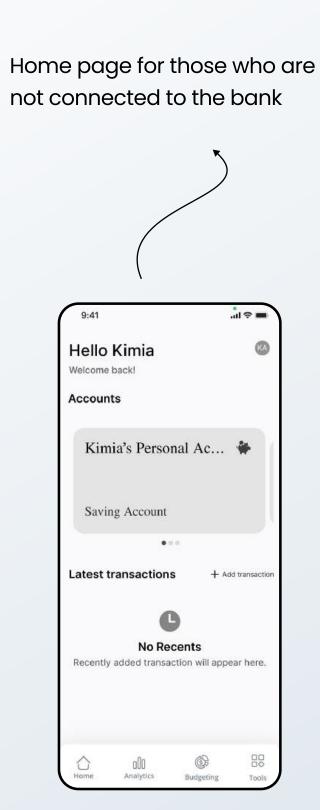


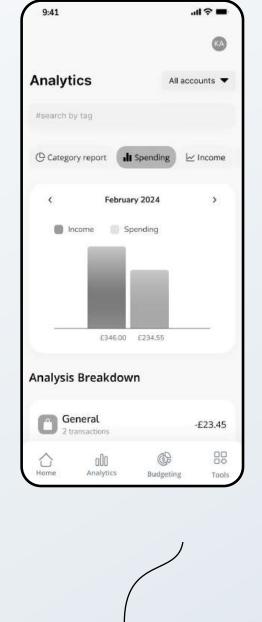








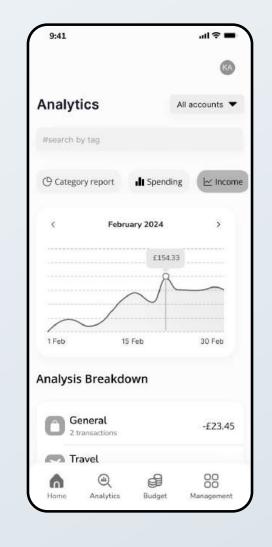




Analytics for better

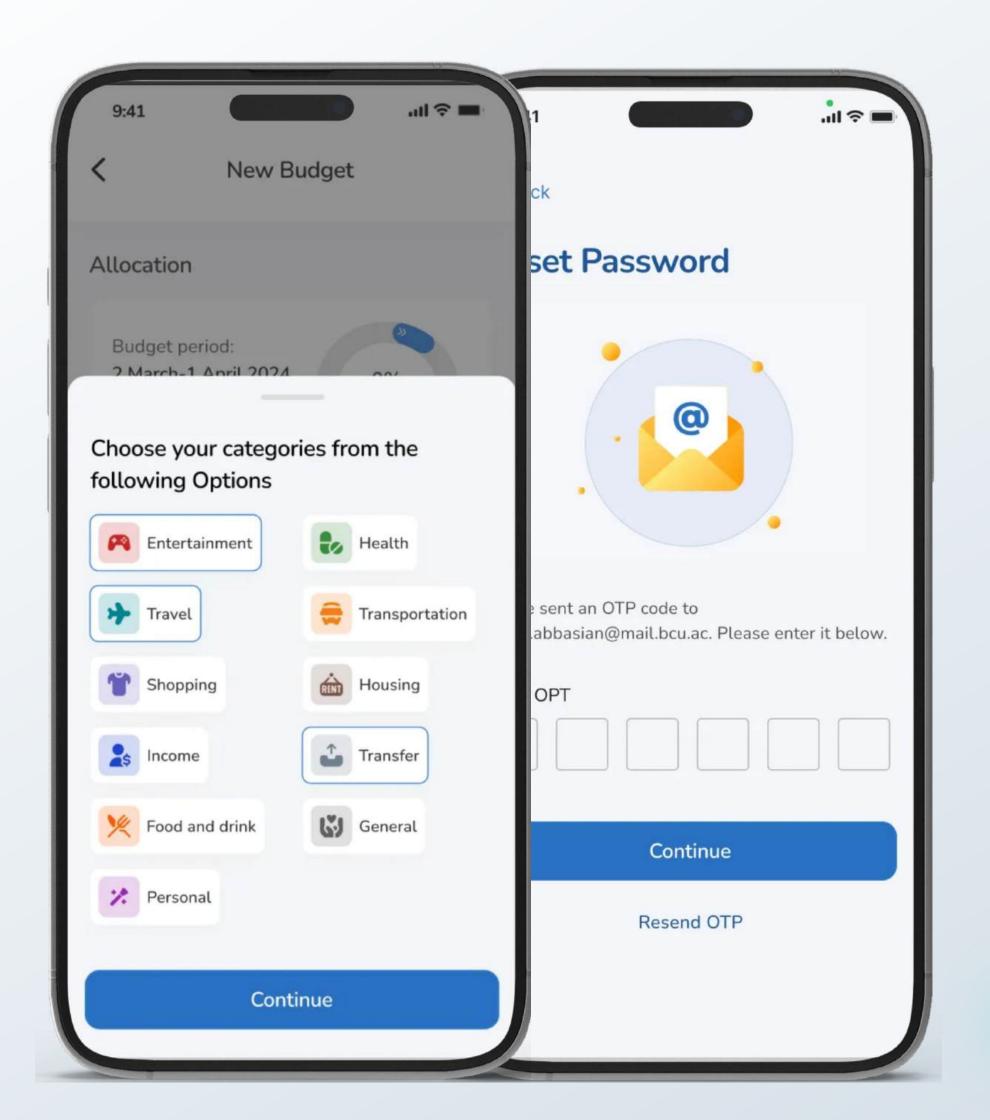
management.

visualization of money



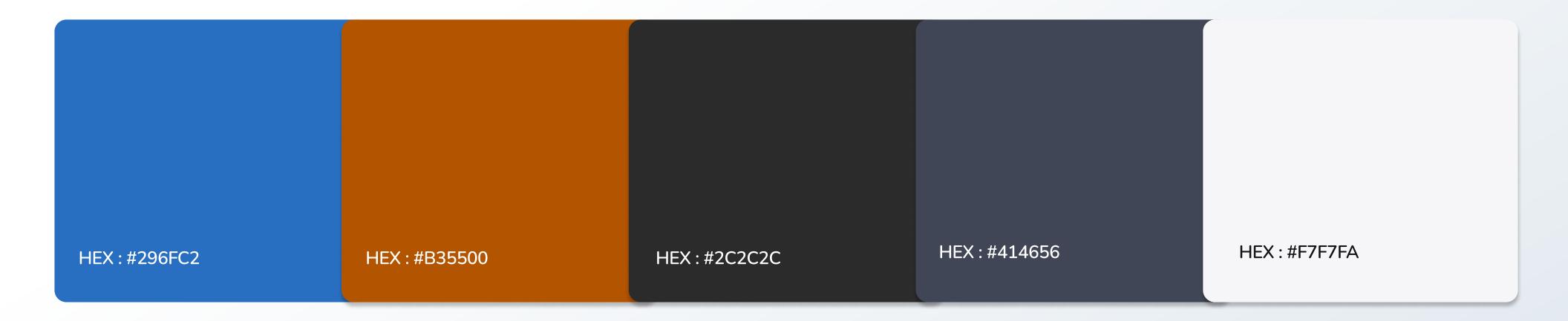
## Accessibility

We focused on accessibility for users with autism, vision impairments, and overall convenience by ensuring all colors met the WCAG contrast ratio of 5.06:1, exceeding the 4.5:1 guideline. We also ensured interactive elements, like buttons, had a target size of at least 44x44 px for easier navigation, making the experience more comfortable and inclusive for all users.

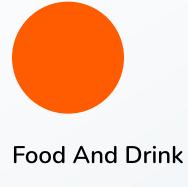


# Design-Design system

## JointBudget color palette



## Category color palette

















Travel





Housing



#FF5C00

Income #1F46CD

#708090

#C62828

#388E3C

Health

#9C27B0

Personal

#F57F17

#00838F

#685FBB

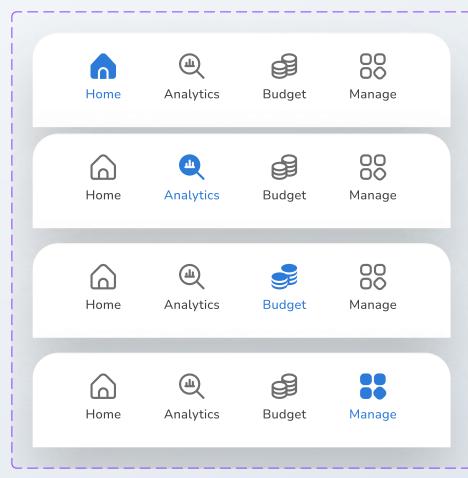
#795548

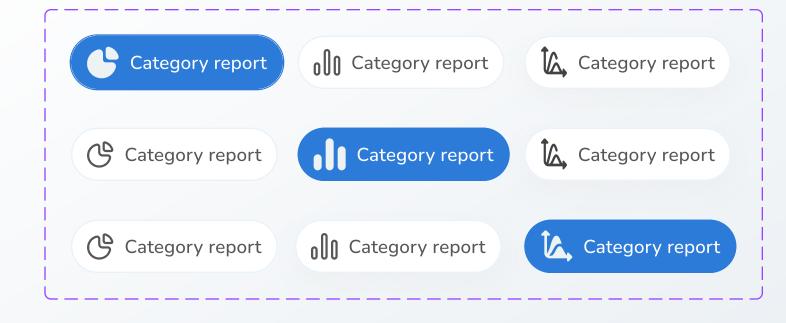
#616161

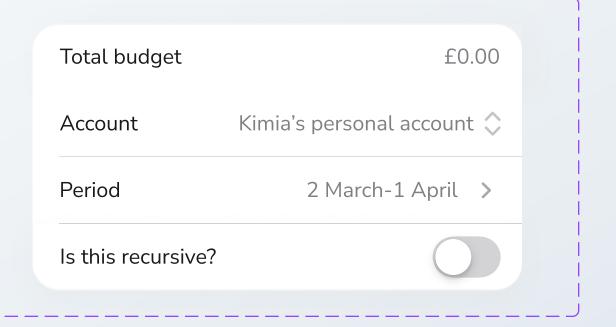
General

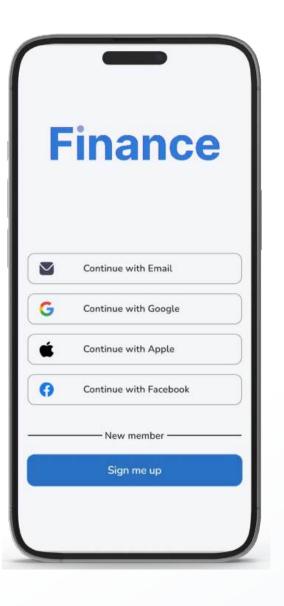
# Design-Components

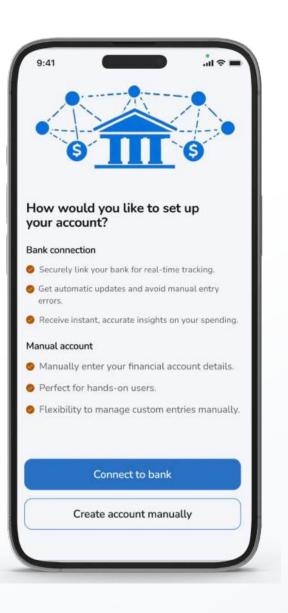


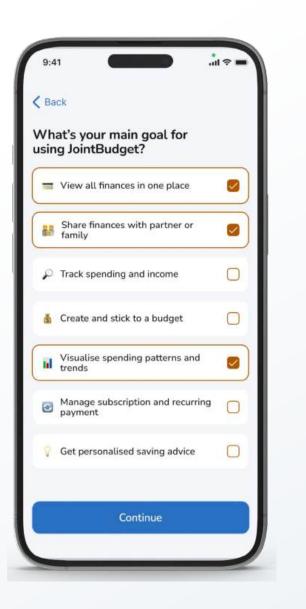


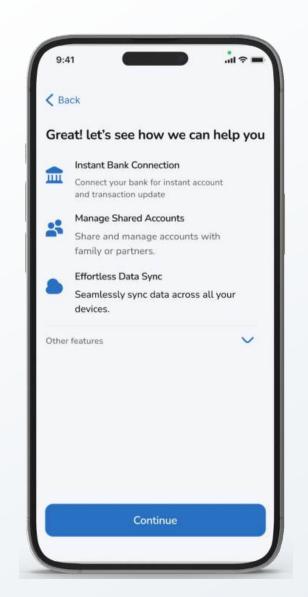


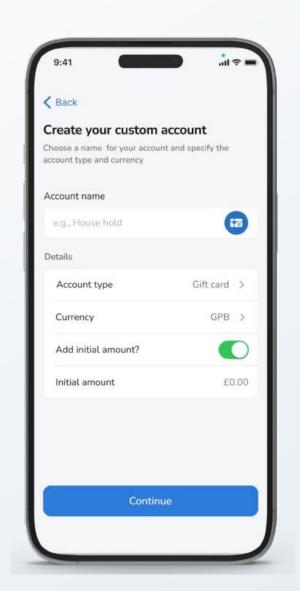




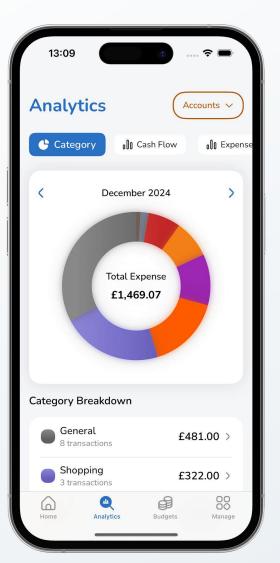




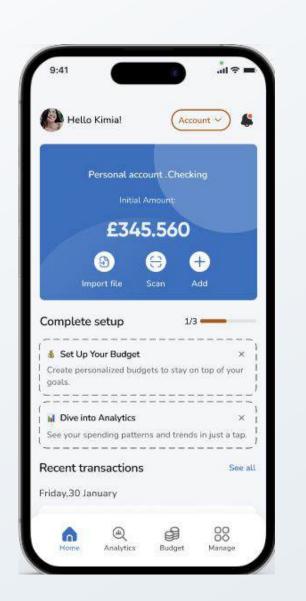




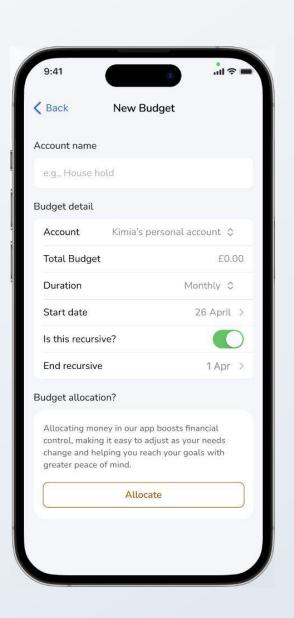
Sign up/in



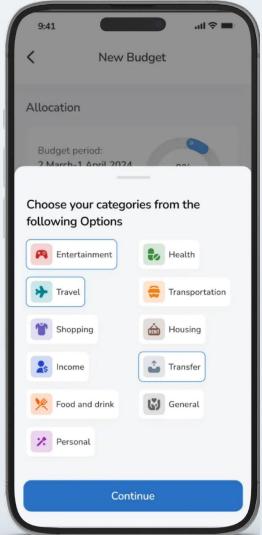
Onboarding



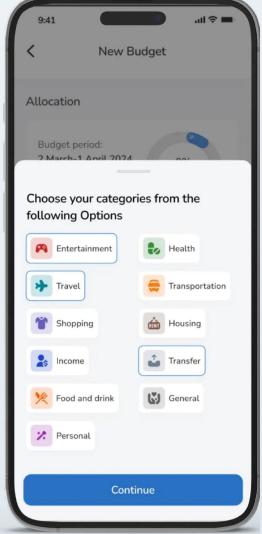
Onboarding



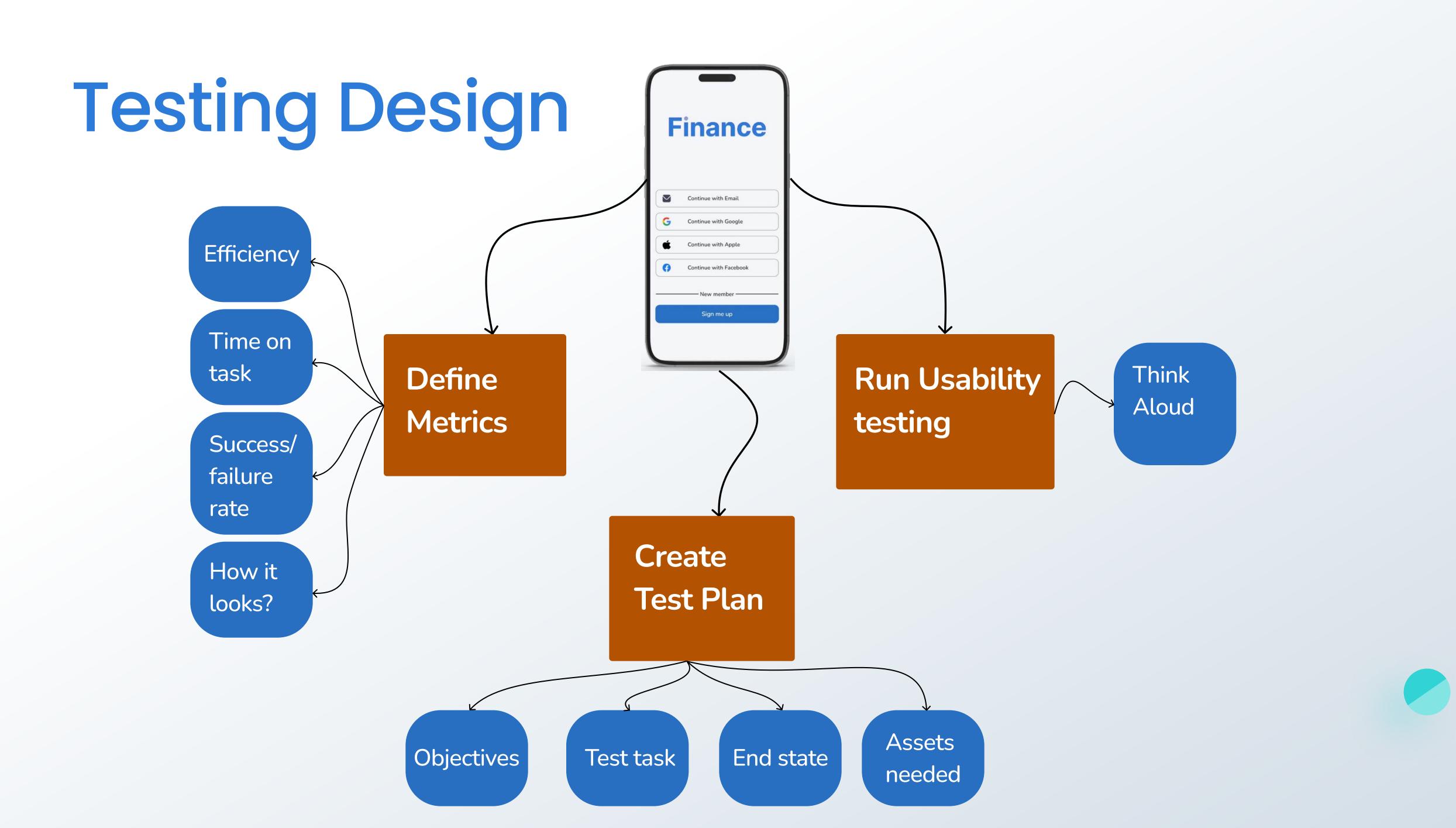
Onboarding



**Custom account** 



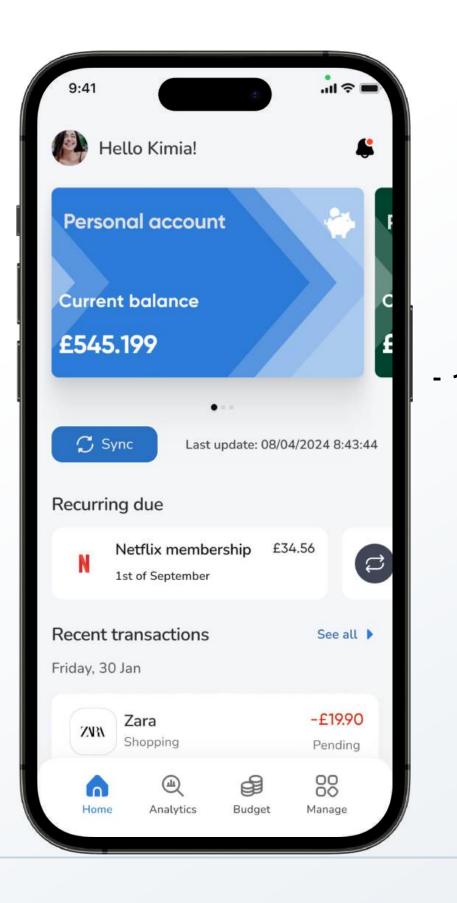
Budget

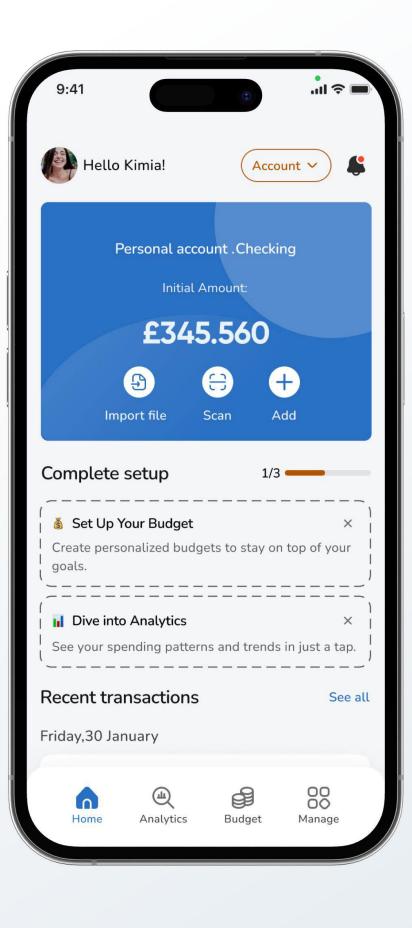


# Enhancement (Home page)

### After

### **Before**





- 1 To accommodate mobility impairments, dragging cards was replaced with accessible buttons, meeting **Level AA** standards.
- 2 Visual hierarchy was simplified to focus on essential information, such as account balance and action buttons, improving usability.
- The date and time for the last sync was made more complete and consistent, enhancing clarity for users.