

Group 8

Group Members: Maya Bal, Eiffel Valentino, Dumebi Ijomah, Raymond Lei

Project Title: Smart-Expense
Website Application

Task 1:

ID 1: Profile Page

- Profile Picture
- User's Name
- Email
- Edit Password
- Contains Menu: home, budget, camera, and wishlist buttons, to easily move from one page to another

ID 2: Home Page

- Provides break down of this month's budget (Pie Chart)
 - Each section of the Pie Chart will represent a spending category that can be clicked on for more information.
- Contains Menu: home, budget, camera, and wishlist buttons, to easily move from one page to another

ID 3: Budget Page

- Edit spending
 - Edit user current category/spending/color of category show
- Add spending
 - Add user purchased item into particular category
- Remove spending

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- Delete user items/categories
- Contains Menu: home, budget, camera, and wishlist buttons, to easily move from one page to another

ID 4: Category Page

- Provides break down of this month's purchasing (Bar Graph)
- Provides this category budget for current month with the option to adjust
- Provides the money remaining in this category budget post purchases
- Contains Menu: home, budget, camera, and wishlist buttons, to easily move from one page to another

ID 5: Edit or Add Category

- Provides option to name or rename a category
- Provide option to set or reset budget for a category
- Provides option to set or change color for a category
- Contains Menu: home, budget, camera, and wishlist buttons, to easily move from one page to another

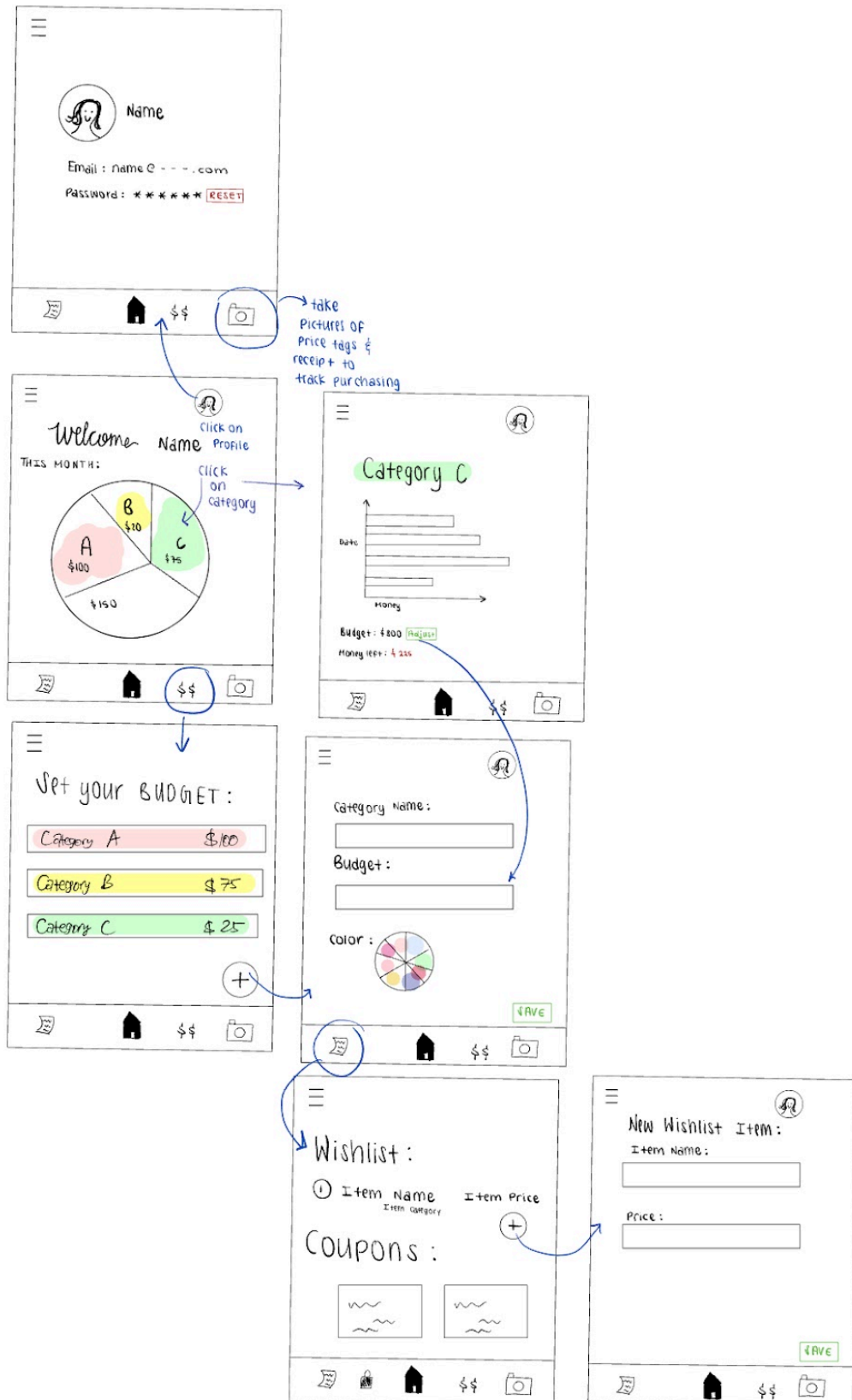
ID 6: Wishlist

- Shows Items added by the user that they wish to purchase
- Allows users to add items
- Give users coupons for the items they wish to purchase (if applicable)
- Contains Menu: home, budget, camera, and wishlist buttons, to easily move from one page to another

Task 2:

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Project Features:

- Expense Tracking & Budgeting:
 - Allows users to create spending categories (e.g., clothing, groceries, entertainment).
 - Users can set a monthly spending ceiling for each category.
 - Unspent money carries over to the next month.
- Automated Expense Management:
 - Price Tag Scanning: Automatically deducts item costs from the correct budget category.
 - Receipt Scanning: Logs purchases and updates category balances automatically.
- Smart Savings & Discounts:
 - Suggests cheaper alternatives for scanned products (if available).
 - Provides coupon codes for wishlist items and frequently purchased goods.
- User-Friendly Experience:
 - Minimalistic design with an easy-to-navigate interface.
 - Helps users stay within budget, avoid debt, and reach financial goals.

Task 3:

Usage Scenario #1

Name: Tight Budget

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User Profile: Joe is a college student; who needs to pay tuition for the fall semester, purchase textbooks, pay his rent, buy groceries, and pay for living supplies. He is only working part-time and tutoring, he needs to use his weekly salary and his limited savings wisely.

Description: Joe uses the Smart-Expense website application to track his monthly expenses. He has the following categories: tuition, textbooks, rent, groceries, and living supplies.

Smart-Expense ensures he stays within his set budget for each of his chosen categories. He is also using the wishlist feature to save up for a needed biology textbook.

Scenario (Step-by-Step):

1. Joe logs into the Smart-Expense website and lands on the Home Page.
2. He views the Pie Chart breakdown of his monthly budget and notices he has spent a lot on groceries.
3. Joe clicks the groceries section of the pie chart to get more details.
4. On the Category Page, Joe sees how much is remaining in his groceries budget.
5. He decides to adjust the groceries budget by clicking the Edit Category button.
6. Joe sets a stricter limit and changes the color to red as a warning.
7. Joe goes to the Wishlist Page to add a new item: a textbook he needs to buy next month.
8. He notices the app has found a coupon for one of his wishlist items, helping him save money.
9. Joe feels more in control of his spending and logs out.

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Usage Scenario #2

Name: Smart Shopping

User Profile: Maria is a young professional who loves shopping online but wants to manage her finances better and find deals before making purchases.

Description: Maria uses the Smart-Expense website application to track her spending and manage her wishlist. She takes advantage of the app's coupon offers and alternative product suggestions to stay within her shopping budget.

Scenario (Step-by-Step):

1. Maria logs into Smart-Expense and navigates to the Wishlist Page.
2. She sees a pair of shoes she added last month and finds a coupon available.
3. She uses the coupon to buy the shoes, then uploads her receipt through the Camera Page.
4. The system automatically deducts the purchase amount from her Clothing category in her Budget Page.
5. Maria checks the Pie Chart on the Homepage to see the updated breakdown of her spending.
6. Happy with her savings, she adds another item to her wishlist and logs out.

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Individual Work Report

1. Maya Bal:

- a. For Phase 2, I did the functionalities for the Profile Page (ID 1), Category Page (ID 4), and Wishlist (ID 6). I also drew the seven UI sketches and made the necessary changes to the design based on the team's feedback. Finally, I aided with the first usage scenario and provided feedback to the second usage scenario.

2. Eiffel Valentino

- a. Aided in drawing the wireframe UI for Budget Page (ID 3)
- b. Provided feedback on the project functionalities and the UI page descriptions

3. Dumebi Ijomah:

I created a solution for Task 3, the two Usage Scenarios and also helped my team brainstorm to complete the rest of the project.

4. Raymond Lei

- a. Contribute to sketch the wireframing
- b. Contribute to project functionalities, home and category page.