IOS-Project Section04Team01

SMART BILL

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**SCREEN 1**

**A paper with a sign up form

Description automatically generated**

1. First screen is the Login page requesting user to enter his/her username and password. If user don’t have an account associated, there is a **Sign-up(screen-2)** option available to get register. Upon successful login, it will route to screen-3.

**SCREEN 2**

**A sign up form with writing

Description automatically generated**

1. Second screen is Sign-Up screen, where user need to provide details like name, email and a password (that meets the criteria) and register the account by clicking sign-up button. After successful registration, it will route to screen-3.

**SCREEN 3**

**A close-up of a form

Description automatically generated**

1. This is the main screen of the application. It has 2 buttons. One button is to generate a new bill(screen-5) and other is to view their previous bills. In top right corner, we will have an icon to view account details(screen-4).

**SCREEN 4**

**A white paper with a black text

Description automatically generated with medium confidence**

1. When user clicks on account details icon (screen-3), it will navigate to this screen where name and email of the user will display. It will also an option to Logout. User can go back to main screen(screen-3) using BACK icon.

**SCREEN 5**

**A screen shot of a screen

Description automatically generated**

1. By clicking on generate bill button(screen-3), it will navigate to this screen. This have an ability to scan the products by clicking on the “scan item” button. This will retrieve details from database using ML and will display in screen-6. In top right corner we will have an icon to view the products in the cart. We can also navigate back to the main page.

**SCREEN 6**

**A sketch of a product page

Description automatically generated**

1. Once the product is scanned, product details screen will appear. This screen has the image of the product, and its description. There is an option to increment or decrement the required quantity of the product. If it is 0, then “Add to Cart” button is disabled. If the quantity is more than 0, the button will be enabled and can be added to cart by clicking on the button. It also has an option to view the cost of the product. Once the item is added to the Cart, it will navigate back to scan items screen(screen-5).

**SCREEN 7**

**A paper with text and a box

Description automatically generated with medium confidence**

1. By clicking on cart icon in scan item screen (screen-5), we can view all products scanned to cart with total cost. If no products are scanned, it shows “No products added to cart”. If user wants to scan more products, can click on back icon on top left which will navigate to scan item screen. Once user has all the products, a bill will be generated by clicking on “Generate Bill” button. This action will also navigates to screen-8.

**SCREEN 8**

**A paper with text and numbers

Description automatically generated with medium confidence**

1. In Bill screen, we will have a stack view with the items and cost. Calculated tax and final price. In top right corner we have done option to get back to main screen. It will also save in database.

**SCREEN 9**

**A close-up of a form

Description automatically generated**

1. This screen will appear by clicking on “Previous bill” button in main screen. User has an option to filter bills based on year or month. Once selected, a stack view of bills will display.

**SCREEN 10**

**A piece of paper with text

Description automatically generated**

1. Upon selecting the bill from stack view, complete bill details will be displayed. It will have a back option to get back to Previous Bills screen.