Suryanarayan.B

CB.EN.U4CSE19056

Accept Payments and managing invoices.

1. As a user of this app, I would like to connect to my bank account without any hassle
2. Task:

**1) Design**

**a page with all bank names and their icons**

**2) Select**

**any one bank and verify phone number using SMS**

**3) Entering**

**and verification of OTP**

**4) Securing**

**the app with pin or biometrics**

**5) Add a back button to navigate back**

1. As a user of this app, I would like to view all my purchases in one place with its location.
2. Task:

**1) Create**

**a Separate page where I can view my purchase history using Flutter**

**2) Add**

**a filter button with options such as location, payment amount etc.**

**3) Once**

**an option is clicked the purchase  history should be sorted according to the**

**given option**

**4) Add a back button to navigate back**

1. As a user of this app, I would like to get rewards such as cashbacks, scratch cards and credit points which can be redeemed later

**a)Tasks:**

**1) Create**

**a Separate page where I can view all my cashbacks and scratch cards using Flutter with the photo of the company which provided coupons.**

**2) Add an animation of firework if i win any cashback**

**3) Add copy button if a user wins coupon code.**

**4)Add a back button to navigate back**

1. As a user of this app, I would like to like to have a system where each time I make a purchase the amount saved in that is transferred automatically to my savings account.

**a)Tasks:**

**1) Create**

**a Separate page where I can view all my cashbacks and scratch cards using Flutter**

**2) Add an animation of firework if i win any cashback**

**3) Add copy button if a user wins coupon code.**

**4)Add a back button to navigate back**

1. **Sub Stories:**

**As a premium user I want to have unlimited limit for saving money directly inside the app**

1. As a user of this app, I would like to have suggestions as to where the purchases will be less expensive.
2. Tasks:

**1) Create**

**a Separate search page where I can view all my suggestions using Flutter**

**2) Create an ML model using K means clustering or SVD with the data and train it with user data**

**3) Integrate it with the app using .h5 file**

**4)Add a back button to navigate back**

1. Sub Stories:

**As a user of this app I need to have full control of suggestions.**

1. As a user of this app, I would like to sync my bank account with the app so that my savings are upto date.
2. Tasks:

**1) Create a settings page and add a sync icon under backups and sync page**

**2)Upload all my data to the backend using MongoDB/Firebase**

**3) Create a download button where when clicked should download back all data to the device**

**4) Add a back button**

1. **Sub Stories:**

**As a premium user I get unlimited storage for saving all my past saving details**

1. As a user of this app, I would like to search all my transactions on the go.
2. **Task:**

**1)Create**

**a Separate search page where I can view all my suggestions using Flutter**

**2) Write a string matching/searching algoritm and integrate it with the search bar**

**3) Integrate a voice button in search bar and using Recurrent neural networks (RNN**) **or LTSM recognise voice and enter it as text**

**4)Add a back button to navigate back**

**b)Sub Stories:**

**As a user i need a voice search feature where i can search with my voice**

1. As a user of this app, I would like to categorize all my payments according to different categories with proper filter feature so that I can get a better insight of my expenditure.
2. Tasks:

**1) Design**

**a page for viewing all payments**

**2) Add a sorting feature to sort payments based on location, date or amount with a filter icon**

**3) Add a toggle to switch to alphabetical sorting view**

**4) Add a back button to navigate back**

1. **Sub Stories:**

**As a user, I would like to categorize my payments according to alphabetical order**

1. As a user of this app , I would like to set my goal budget for the month and also get notified when I go overbudget.

a)Tasks:

**1) Design a page for setting budget goals**

**2) Create a text field where users can set their goals**

**3) If goal exceeds the display an alert saying goal exceeded**

**4) Add a back button to navigate back to home page**

**b)Sub Stories:**

**As a user , I would like to have full control over my notification preferences**

1. As a user of this app I would like to have a uniform file system to store all my invoices
2. Tasks

**1) Design a page for viewing all my invoices**

**2) Create 2 icons one for list view and other for column view**

**3) Add properties menu**

**for viewing the size of invoice and date created**

**4) Add a back button to navigate back to home page**

1. Sub Stories:

**As a user I would like to have list/ column viewing toggle**

1. As a user of this app I would like to categorize all invoices based on the company name or retail name.

a)Tasks

**1) Design**

**a page for viewing all invoices**

**2) Add a sorting feature to sort payments based on location, date or amount with a filter icon**

**3) Add a toggle to switch to alphabetical sorting view**

**4) Add a back button to navigate back**

b)Sub Stories:

**As a user, I would like to categorize my invoices according to alphabetical order**

1. As a user of this app, I would like to have a backup of all my invoices across all devices.

a)Tasks

**1) Create a settings page and add a sync icon under backups and sync page**

**2)Upload all my data to the backend using MongoDB/Firebase**

**3) Create a download button where when clicked should download back all data to the device**

**4) Add a back button**

b)Sub Stories:

**As a premium user I want to have unlimited storage for storing backups**

1. As a user of this app, I would like to easily search between invoices based on the retail name, Date issued and location at which it was obtained.

a)Tasks

**1)Create**

**a Separate search page where I can view all my suggestions using Flutter**

**2) Write a string matching/searching algoritm and integrate it with the search bar**

**3) Integrate a voice button in search bar and using Recurrent neural networks (RNN**) **or LTSM recognise voice and enter it as text**

**4)Add a back button to navigate back**

b)Sub Stories:

**As a user i need a voice search feature where i can search with my voice**

1. As a user of this app, I would like to add,modify edit and delete invoices.

a)Tasks

**1) Add properties button with edit option**

**2) Create a save button to save work after editing**

**3) Add a lock button to lock invoices with biometrics**

**4)Add a back button to navigate back**

b)Sub Stories:

**As a user I would like to lock invoices for security purposes**

1. As an administrator I want user’s consent to access their location so that the app can give suggestions for discounts which maximizes savings.

a)Tasks

**1) Design a pop up to access the location based on GPS or Wifi**

**2) Design a ML algorithm using SVD or K means Clustering with the all the retails available around your current location and train the model.**

**3)Show suggestions about retailer discount in the suggestion page**