19CSE314

SOFTWARE ENGINEERING

MEETING DOCUMENT

GROUP 9

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| --- | --- | --- |
| ROLL NUMBER | NAME | ROLE |
| CB.EN.U4CSE19303 | A MANI TEJA | TESTER |
| CB.EN.U4CSE19314 | CH. SRI  TEJASWINI | BUSINESS ANALYST |
| CB.EN.U4CSE19320 | D VISHNU VARDHAN | DEVELOPER |
| CB.EN.U4CSE19347 | R DUSHYANTH | Project Manager  Scrum Master |
| CB.EN.U4CSE19363 | Y LIKHITH KUMAR | BACK END DEVELOPER |

***WEEK* 1**

We decided to develop android application for Expense Tracking application.

Expense Tracker System is a system which will keep a track of Income-Expense of a user on a monthly basis, This System takes Income from user and divides in monthly expense allowed, If you exceed that monthly expense it will cut if from your income and give new monthly expense allowed Amount, and if that monthly expense is less it will add it in savings. Expense tracking System will generate report at the end of month to show Income-Expense Curve.

STAKEHOLDERS:

Students

Employees

TABLES:

Banks {Account number (Primary key), Name, Phone Number}

User {Name, User id, Phone No (Primary key), Account number (Foreign key)}

Transaction History {Trans\_id (Primary key), Account No., User id, Amount, Date}

Expenses {Trans\_id, Amount, Date, Category}

Summary {Category, Amount, Budget}

REPORT:

1. Software Requirement Solutions
2. Software Development Progress Report
3. Testing Report

ASSUMPTIONS:

1. This application will not make transactions. It is only used to track your expenses and set reminders for the dues.
2. Users need to add their expenses in the application to calculate their budget.
3. Will be used to track day to day expenses
4. Alerts the user if he/she crosses the budget set.

EPICS:

1. **User Authentication**

Students and Employees

1. Opens a login page. If new user enter register
2. When clicked register, then it will be redirected to a register page. Here, the user needs to enter the valid credentials and get registered.Else, the user can also be registered using google/facebook account.
3. If the user forgets the password, click on forgot password
4. Google and facebook login support
5. If entered incorrect credentials, displays an alert box saying Invalid Credentials
6. After successful login, enter the home page.

1. **Your budget**

1. Enters the specific budget
2. Setting the time limit for the given budget.
3. If the expense exceeds the budget, then the user will be alerted.

1. **Statement Generation**

1. A statistics will be generated based on the expense update.
2. Weekly summary is also generated
3. Suggests the user if his expenditure is enough for his mentioned budget.
4. Will also keep a track of the money credited and debited.
5. History of all the expenditure.

1. **Due report**

1. Users can choose the date and time and name the due and amount.
2. User will be sent a reminder according to his preferences.
3. If the due is cleared, then the user can check off the due in the dues list.
4. If the due is not cleared even after the deadline, it will be moved to the pending dues list.
5. Both the dues and pending dies list will be in check box format.

1. **Transactions**

1. Keeping track of expense and Shows the remaining balance after each expense update.
2. If the budget amount is exceeded, then it will show the exceeded amount in red. If there is a remaining amount in the budget after all the expenses, then it will be displayed in green.

1. **Customer Query Handling(contact us)**

1. Open after clicking contact us.
2. Phone number and email id will be displayed to the user.
3. “May I Help You” FAQ’s to resolve user problems.
4. **Churn(Data removal after deleting the account)**
5. Delete account option will be available.
6. After clicking on it, a mail will be sent to confirm.
7. After confirming, the account will be deactivated
8. Within 15 days of deactivation, if the user logs in to the account, the account will be restored

***WEEK* 2**

**Software/Technology Used:**

* Android Studio
* Firebase
* React JS
* Java
* Bootstrap
* Chrome
* VS Code

**Hardware:**

* PC/Laptop with internet browser
* Mobile phone with android

**Modules:**

1. **User Authentication**

* User Login form
* Support Login
* Password reset

1. **Your Budget**

* Specify the Budget
* Budget Reminder
* Due Tracking

1. **Transactions**

* Previous Transactions
* Available Budget/Balance
* Budget Exceeding Alert

1. **Settings**

* User Profile
* Updates
* Deactivate
* Churn

1. **Feedback**

* Query Handling
* Suggestions
* Rating