PERSONAL EXPENSE TRACKER APPLICATION

IDEATION

I.INTRODUCTION

Expense Tracker is an Application which can help the user to keep track of their Expenses.Nowadays, people can do various things by using a mobile and so,they can also use it for Budgeting and planning their expense in the mobile instead of doing it manually.For this purpose ,an application can be developed to satisfy the needs of the customer. This application can help the user to keep track of their expenses in an organized way and to maintain a proper balance between expenditure and savings.

II.PROBLEM STATEMENTS

(i)The User Needs to manage their Budget and keep track of their expenses in an more effective manner.

(ii) The User may use Traditional way of manual diary, but it will be more time-consuming and confusing for the user

(iii) The User can also use spreadsheets to do that, but it will lead to more confusion and data inconsistency.

(iv) An Effective of economy management is needed for the users in form of either mobile or web application.

III.IDEAS

1. The Expense tracking and budgeting can be done through web application by which the user can easily keep track of their expenses and to do Effective planning of the budget.

2. This Application should go help the user with more features like sending recommended budget limit and various tips through the notifications mail For mailing purpose, send grid may be used.

3. The Application should give the reports in the form of clear data visualizations which should tell the Accurate Information to the user in an easier way.

4. For implementing these things, we will be using tools such as IBM DB2, Docker, Kubernetes and sendgrid

5. Alerting the user when they Cross the Budget can be done by sending mail alert by using Sendgrid