PERSONAL EXPENSE TRACKER

LITERATURE REVIEW

Team ID: PNT2022TMID15737

Team Size: 4

Team Leader: K.ARUN VENKAT

Team member: P.**GIRISH SAI VARMA**

Team member: P.AHAMMAD KHAN

Team member: D.HARSHITH REDDY

Paper 1: EXPENDITURE MANAGEMENT SYSTEM

Publisher: JOURNAL OF ENGINEERING, COMPUTING & ARCHITECTURE

In this paper, they proposed an app to act as a remainder to assist user track their budget. Through this online application students, small business is going to be benefited the foremost in today's fast-paced environment. many folks today are searching for efficient ways to trace their expenses because we board a hurry-up and get-it-done culture. Some research on household budgets has been conducted in recent years which says Budget tracking is challenging in most circumstances since budget management is completed verbally instead of on paper. It'll contain a range of record-keeping choices (for example, food, travel fuel, salary, and so on). it'll still deliver notifications on its own to hide our daily expenses. We are in a very great hurry to form money in today's hectic and expensive world, but we broke off at the top of the month as we spend money on titles and things we don't need. As a result, we've devised a technique for pursuing our profit. The app allows us to obviously understand our expenses to stay track of our earnings and better plan for the following coming month

Paper 2: Expense Tracker: A Smart Approach to Track Everyday Expense

Publisher: EasyChair Preprint

They proposed an expense tracker that will maintain all the expenses record of users and manage them efficiently. The user can choose an expense category and provide additional information such as a photo, a location, and the amount of the expense, among other things. This will save the information to the local database. The user can examine and sort expenses on a weekly, monthly, or annual basis. By utilising this, they reduced the quantity of manual calculations for their expenses and maintain track of their spending. The user can enter his income to compute his total daily expenses, and the data will be saved for each individual user. This tracker could be useful for people who frequently go on trips or to the theatre with their buddies. This tracker will make it easier for them to disburse the bill. This will show the graph in the chosen view

Paper 3: Expense Tracker

Publisher: IJARSCT

In this study, to reduce manual calculations, they proposed an application. The application they proposed allows users to keep up a digital automated diary. Each user is going to be required to register on the system at registration time, the user is going to be provided id, which is able to be wont to maintain the record of every unique user. Expense Tracker application which can keep a track of Income-Expense of a user on each day-to-day basis. the most effective organizations have the way of tracking and handling these reimbursements. This ideal practice guarantees that the expenses tracked are accurately and in an exceedingly timely manner. From a corporation perspective, timely settlements of those expenses when tracked well will boost employees' morale. Additional feature of Expense and income prediction helps to higher budget management

Paper 4: Application for Predictive Recommendation and Visualization of Personal Expenses

Authors: Darsh Shah, Sanay Shah, Ritik Savani

Every day in our lives we have a tendency to invest in distinct styles of things. A massive quantity may be remembered and additionally helps in the very last tallying of the costs and earnings. But the smaller costs pass unattended and people small quantities eventually lead to a massive amount of cash being misplaced or spent . As a result, A overall comprehension of man or woman budget is getting progressively extensive because the regular human beings disposable earnings has dwindled due to a converting monetary atmosphere .For the nice OCR results, a couple of schooling and checking out photographs could be required with guide efforts to accurate the textual content fetched from the receipts without a fix/established format. In assessment to the numerous gift apps to be had at the Play Store and AppStore for iOS, we described a few base parameters primarily based totally on their certain evaluation with the add-on of the prediction fashions to set itunique withinside the market. In the view of our proposed software, we want to keep in mind sure measures to choose the nice MachineLearning set of rules to study the rate styles of the consumer and are expecting the rate or price range of the consumer and recommend him for the nice approaches to minimalize the costs for higher savings. In Table no 1, Apps numbered 1 to five are apps which might be highly used globally via way of means of numerous customers and don't have an Indian origin. Whereas apps numbered 6 to twelve are incredibly used apps amongst Indian Users. The diverse parameters noted at the pinnacle of the desk facilitates us to decide what drawbacks of which existing machine does our proposed software overcome. After the evaluation, we discover that none of the prevailing structures have a prediction machine as we endorse while numerous apps don't offer shortcut and indicators to the consumer to go into the ordinary expenses from time to time.

Paper 5: Daily Expense Tracker

Authors: Muskaan Sharma1, Ayush Bansal2

Daily Expense Tracker may be accessed from an internet browser, including Google Chrome or Mozilla Firefox, bearing in mind a transportable paintings environment. The software consists of all the capabilities of digitally preserving the records with a few appealing visible illustration and photographs of your spending or even removing the need of bodily entries via way of means of offer voice instructions. This net software commonly is evolved the usage of React Jsas the framework and additionally makes use of its libraries like fabric Ui, chart.js to feature and create the functionalities.ReactJS is a declarative, efficient, and bendy JavaScript frontend library for constructing reusable UIcomponents. It is a, element-primarily based totally front-give up library and is to be had freely to all of us that is responsible only for the way the software seems or the view layer of the software. The goal of ReactJS is to make it feasible for builders to broaden User Interfaces (UI) without difficulty via way of means of dividing it into diverse additives and additionally to develop fast systems. It makes use of digital DOM (JavaScript object), which complements performance and the overall performance of the app. The JavaScript digital DOM is quicker than the traditional DOM. We can use ReactJS on each customer and server-facet in addition to with other available frameworks. It makes use of element and statistics styles that enhance clarity and enables to maintain and adjust large apps.

Paper 6: A Review on Budget Estimator Android Application

Authors: Namita Jagtap, Priyanka Joshi, Aditya Kamble

The Expense Manager is a cellular utility meant to run on android tool specifically clever phone. Expense Manager is designed to efficaciously cater the wishes of customers with the aid of using

removing presenting prices and settling vows to friends. The application encourages corresponding customers assist in who owes who, and for what. Aim is find higher methods to assist customers and their companions to proportion charges easily. This new utility will allow bunch customers and their partners to have detailed view inner this utility round man or woman prices. The app permits its customers to feature a commentary to an cost, click on on the expense call in any cost list. Bill posting may have area for remarks and notes box with a "Post" catch underneath. The Expense Manager has notification choice to notify on every occasion anyone provides a commentary to an cost useris on, or person can withdraw to published bill. The extra function that we're going to upload on this utility that allow us to acquire the pattern facts of customers charges and use this to examine styles of charges in sure region or with the aid of using unique kinds of spending for marketplace analysis. These styles may be derived the usage of a few facts mining techniques such as clustering, type and association.