CLOUD APPLICATION DEVELOPMENT

PERSONAL EXPENSE TRACKER -APPLICATION

Literature Survey

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PERSONAL EXPENSE TRACKER -APPLICATION

REFERENCE PAPER:

1. **"A mobile application capable of monitoring and controlling personal expenses, as well as cautioning the user against reckless and unbudgeted spending."** is a research paper published by–
Carvalho L.A and Basso C.(2014).Telecom Expense Management for Large Organizations, A Practical Guide. iUniverse LLC Bloomington, IN 47403.

    This study is aimed at developing an android based mobile application capable of monitoring and controlling personal expenses, as well as cautioning the user against reckless and unbudgeted spending. The developed system was designed using system flowchart, use case diagram, sequence diagram, class diagram and system architecture diagram. It was implemented using Java programming language on android studio and My SQL. The developed system was evaluated based on basic functionality tests performed on the individual modules, the integrated testing as well as the overall function testing. The results of testing the functionalities of the developed system showed that all the modules worked properly when tested individually. They rejected invalid inputs and responded promptly to user requests. Database operations such as insert, update, delete and add that were performed yielded expected results, and data consistency / integrity are maintained in the reports generated. Thus, the developed system provides an easy to use, portable and secured means of enhancing financial sustainability and promotes individual and societal economic growth via fiscal discipline

2. **"Expense Tracker is going to be a mobile application so that it can be accessed any time required "**
Donn Felker, "Android Application Development for Dummies", published by For Dummies, 2010.Ed Burnette, "Hello, Android: Introducing Google's Mobile Development Platform", published by Pragmatic Bookshelf, 2009.Lee, "Beginning Android Application Development", Published by WroxPress, 2011.

    This application will have a two-tier architecture: first one is the database tier, where all the data and financial data will be stored. Second it will be the user interface which will support the application user communicate with the system and also store Information in the database. The proposed system should operate offline so it can be accessed at any time without internet availability. The proposed system should provide different categories for the user to select from and they can enter the amount and mode of payment. This system should be able to analyze the information, provide analytics on which category did the user spent most of their money. The proposed system should provide a user interface where the user could store and observe their past expenses. To create this system, we will use the android studio and it.It will be written in Java, Xml. MySQL will be the database used.

3. **"Several ancient and technological approach is found to trace our expenses and budget with their own practicality"** is a research paper published by

-Aman Kumar, Department of Computer Serance Galgonas Linner Greater Noida, India.

Tracking daily expense isn't therefore innovative several ancient and technological approach is found to trace our expenses and budget with their own practicality. From decades agone and these days we've been writing our expenditure in a very register to calculate the profit or saving. Not solely this several desktop and mobile applications has been developed for this purpose. Quicken and Microsoft cash were the primary desktop applications was developed decades agone however wasn't therefore acquainted with the users. My budgetbook application is employed to check the expenses in chart or graphs with the calendar system QuickBooks were the appliance for the little business holder to finish off the whole business YNAB and Penny were the most recent application that were embedded with AI and applicable for commerce expenses mechanically However, Mint was the one that was wide used and trusty