

# SMART RODINA WEBAPP

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**Abstract** -The main objective of this project is to maintain the record of incomes and the expenses on a daily basis by using automatic connection between user's bank account and this app. This includes the facility of having various types of analysis in-terms of days, weeks, months and years. This application allows the family members to connect with each other that they can chat any news from anywhere with their family members through this web app.

## INTRODUCTION

The Web has a significant impact on all aspects of our society, from business, education, government, entertainment sectors, industry, to our personal lives. The main advantages of adopting the Web for developing software products include no installation costs, automatic upgrade with new features for all users, universal access from any machine connected to the Internet and being independent of the operating system to the user. Moreover, the web applications are distributed through a client/server architecture, with HTTP request/response calls to synchronize the application state.

Several successful methods have been demonstrated for family related concept. This project is designed in HTML for managing -Daily Expenses, saving and provides results and chat facility. Details are maintained in database using MySQL.PHP is used to perform database related concepts. JavaScript is also used to give actual logic to the system. Apache server is used for transaction related activities. Using this app we can maintain family and personal details. It provides the security to maintain family secrets and by this user can get more advantages to maintain their personnel details

## LITERATURE SURVEY

The web has had a significant impact on all aspects of our society. As our society relies more and more on the web, the dependability of web applications has become increasingly important. To make these applications more dependable, for the past decade researchers have proposed various techniques for testing web-based software applications. As this research area matures and the number of related papers increases, it is important to systematically identify, analyze, and classify the publications and provide an overview of the trends and empirical evidence in this specialized field.

The emerging trends in web application testing, and discuss the implications for researchers and practitioners in this area. The results of our SLR can help researchers to obtain an overview of existing web application testing approaches, fault models, tools, metrics and empirical evidence, and subsequently identify areas in the field that require more attention from the research community.

Web-based Project Management Systems (WPMS) present administrative and document management challenges which the general contractor must overcome in order for a construction project to be a success. A

course needs to be developed for the general contractor, targeting the roles of both the administrative department and project managers in successfully integrating electronic document management techniques and procedures. In addition to employee training, an SOP will be authored and implemented by the general contractor, ensuring all members of the administrative staff and project managers are performing the same function in similar manners.

The findings during the literature review found that the submittal process is critical to ensuring the project is constructed in a manner consistent with the contract documents. The use of WPMS is increasing and the general contractor needs to be competent in regards to electronic submissions and their annotation. Training should be conducted when a shortcoming is identified. SOPs need to be constructed in a manner in which all parties have a clear understanding of the expectations set on their position.

Web based project management system are web based application designed to store and manage project information with this simple project collaboration allows the disparate group of people such as clients, controlled access to automated dissemination of information. System designed to improve the collaboration between the teams working on project, reducing potential risks and helps to ensure that the project is delivered on a time the clients. They serve as a repository for all the documents, drawing and communications relating to the project and are used by all the participants to access read and authorizing the administrator to promote it.

## RELATED WORK

If you exceed that day's expense it will cut it from your income and give new daily expense allowed Amount, and if that day's expense is less it will add it in savings. This application

allows the family members to connect with each other that they can chat with their family members. This also includes an attractive and added advantage that it provides the facility of showing notification on important days like birthday, wedding anniversary, family reunion, vocation plan and other things. All the facilities will be provided to the user to get more benefits.

## EXECUTION STEPS

This project helps the family members to connect with the other members in the family. In this first separate login was created for the separate family while entering in the account and then we set a secret question to that family to prevent any other user to enter in it. And by expense tracker we provide daily allowance to the individual user and then administrator provides the analysis chart to the expense. By the chat application we can communicate with the other members in the family. In the personnel diary user can store the personnel details including with the date and we can upload the document in the app. And notification facilities were provided to the user. By the application a family member get more advantages and connects easily with the other members in the family and provides security to the family and can save money for the future life by this facilities they can live happily for long time. Security such as it provides the separate login for every user and no other family member cannot open the other login without the user permission.

The fig1.1 use case diagram explains the whole concept for the family application.

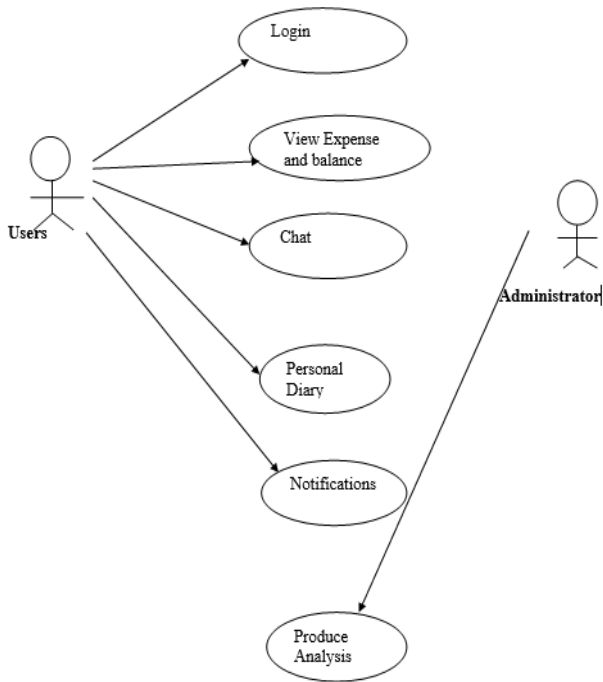


Fig 1.1 use case diagram

money. Fig 1.2 explains the analysis chart for the family budget.

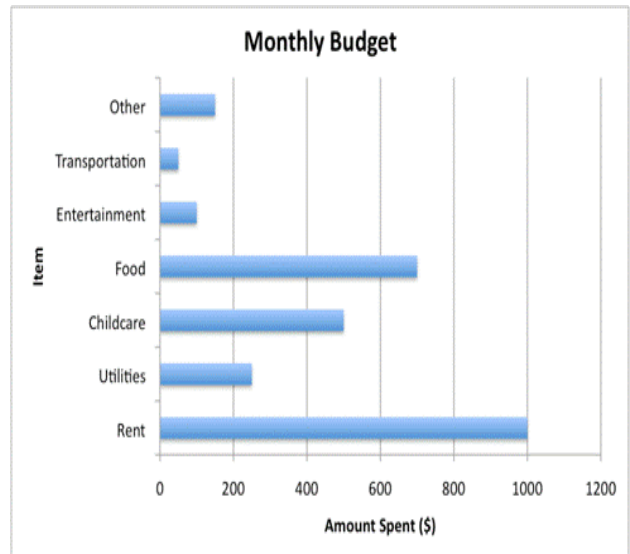


Fig 1.2 analysis chart

## SEGMENTATION

-Expense tracker, chat, Personnel diary, Notification is the modules in the webapp. By using these different modules the user gets more advantages in one application and easily can monitor the records.

### A. EXPENSE TRACKER

In the expense tracker account details were entered in the app. If the user uses the card anywhere then it automatically stores in the database. Then user can view the details about usage of money anytime by the app. And it provides the daily allowance to the user if they exist then it automatically changes and takes the money from the savings and give new daily expense allowed Amount, and if that day's expense is less it will add it in savings. It again comes to the same daily allowance after the completion of month. With this administrator provides the analysis chart to the user that the usage of money in this

### B.CHAT

In the chat module every member in the family can communicate easily with the other members in the family. Group sharing facility also available for the family members. Family member can update the profile photo according to their convenience.

### C.PERSONNEL DIARY

In the personnel diary user can store their personnel details along with date and it provides the security to the user. With the date user can view the personnel details. Separate login and password were given to the user to hide the details from the others. And one more facility is that user can upload the important document and in future they can use it any purpose.

### D.NOTIFICATION

In the module it provides the remembrance to the family members about the important date

and schedule of their work. By this user can conveniently schedule their work.

## CONCLUSION

Thus the application provides the family member to correlate with each other in family. By the application it saves the user time and provides the security to the family member to maintain the account details. And user gets notification about important days and even they can store personnel details. Even every one able to visit like this application but this rodina application provides all the features in one application. From the different existing application disadvantages overcome in the smart rodina web application. The smart rodina will be the user friendly app.

## FUTURE ENHANCEMENT

Normal message will be send to every Member in the family without visiting the web application by this every family member can

able to get usage of amount for the single day. Advertisement related to the expense of the family will be shown to the individual family. Scan bar codes of your favourite products at home to find the best local price when you need to restock. If you find a good deal, share it using the app so others know about it too. Also good for making shopping lists and you can earn cash rewards through PayPal too. Purchase any of them, upload a picture of your receipt and the amount of money you saved will be added to your account. And you can type your starting and ending destination and then the app tells you how long the drive will be and estimates gas cost and provides use estimation to the user.

## REFERENCE

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- [2] [www.pocketguard.com](http://www.pocketguard.com)
- [3] [www.handydiary.com](http://www.handydiary.com)