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Full Stack- Android Reminder Application "Bilingual Reminder"

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ABSTRACT: Full stack development refers to the process of development of both front end and back end. That is both in client and server side. Reminder apps (applications) have played an important role in my life by supporting my academic career. The Reminder App will be developed with multi language support. The first version will be in English and German. At the time of installation, the user can choose the language. The screen design will be reviewed regularly and changes will be informed, so the design is made better after each review. This research is a usability study of reminder apps that are available on smart phones and tablets. These applications are used by the clients to remember their future tasks and also manage their day to day schedules. Interviews, co-inquiry, observation and diary methods were used with several students to understand user experiences. Initial guidelines were provided covering interaction and the design. The study also offers researchers and practitioners the comparative advantages of the different methods that can be used to get user experiences and preferences. The Design will accommodate regular updates. All users who have already installed the App must get regular Updates, when new features or bug fixes are made.

KEYWORDS: bug fix, installation, support, development, full stack, Reminder App, user friendly

I. INTRODUCTION

In our tied up hectic schedule keeping track of all the events which has various activities is a tedious task. This project will be the study of reminder apps that are available on Smart phones and tablets. Reminder apps are being created for people to remember their future tasks and also manage their schedules. Nowadays usage of android applications has become a part of our life. By using these applications our work becomes simple and easier in our day to day activities. And this can be done during any time of the operations. The database that is used in this app will be Mongo DB and MySQL. This Application has to be designed for a target users numbers of at least 1 Million users. User can also choose the icon „Photo“ and take a photograph with camera App, and save it with that reminder entry. The user can also open the Gallery icon to choose the Photo and then choose one Photo with the reminder entry. Remind yourself of bills, meetings, medication, appointments, birthdays, trips, etc[7].. It has a user friendly interface in case of creating your reminders. Just create it easily on time and date specific, daily, weekly, monthly or yearly reminders.

II. RELATED WORKS

Many systems have been developed based upon different platforms and concepts. Usage of Mobile reminder apps have been increased in this decade. But there are lots of problems faced due their functionality. It runs on mobile devices such as smart phones ,Tablets providing user interfaces[6] for configuring schedules and reminders and user alerts about time and type and reminders. Tick Tick[3] is also a type of scheduling users reminders and is based on data synchronization. Task cancellation and rescheduling the task is difficult. Many Reminder Apps are available in market through vendors such as Google play and Apple store[5].Users have the option on setting their reminder only for a specific task and only for a specific period of time in future. Users will not be able to add a specific image next to their reminder in the existing system . The user do not have the option to toggle between language in existing application. In Existing systems users do not have the option of setting their reminders well ahead [1]which is going occur after weeks or a year. Secure Reminder(SR) - smart phone reminder and scheduler program[2] for Android. Secure Reminder is advanced reminder program that helps you organize your life. These Secure Reminder reminds about daily tasks or special dates and events such as birthdays, anniversaries and even business meetings before they occur. Secure Reminder can serve as desktop reminder software, task and event scheduler, personal information organizer and password generator. Main features of these reminders are Quicker, Store and manage information in a safe manner, Search feature.

1.1 Drawbacks of Existing system:

- Users don't get to choose their language while using the application
- They cannot use innovative pictures ,images or emoji next to their reminders[4].
- The users will not be able fix reminders which is going to happen in upcoming years.

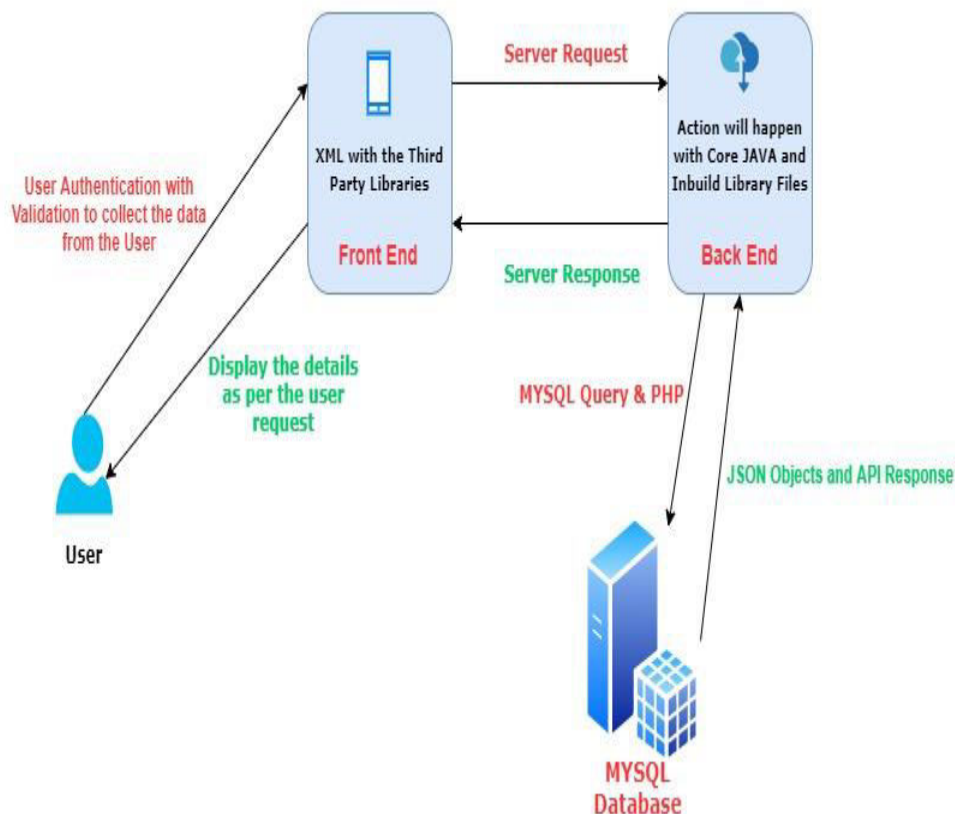
III. PROPOSED WORK

In our proposed system user can add photos and even emoji next to their reminder to make their event special. The main advantage of the proposed system ,the feature on adding extra language where user can toggle even while using the app. Quickly search and easy arrangement of sticky notes on your smart phone, linking files and web pages for reminders ,archiving of notes and reminders into history, printing and more.

1.1 Advantages of Proposed system:

- User friendly and flexible to use this application.
- Users get to change their Language as German and English.
- Users get to use unique styles ,fonts ,images and even emoji in our proposed system.

IV. SYSTEM ARCHITECTURE



V. MODULE

1. Working:

1.1 SIGN UP:

- Enter user name
- Email (E-Mail) → Checking for duplicate → Send an Email link to confirm Email address → Click on link in the Email to activate account
- Password (Passwort) → must have at least 8 characters and at least 1 Digit

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1.2 NEXT PAGE:

1) E01: Screen to Create an Entry:

- Field 1: Text → Up to 200 Characters → If Text to long then activate Scroll down feature
- Field 2: select from Dropdown list of following Types:
- Type 1: Homework
- Type 2: Test
- Type 3: Library books Return
- Type 4: Birthday of a Friend
- Type 5: Sport days
- Type 6: Special Reminder

1.3 MAIN SCREEN :

Main Screen D01 (First screen which appears, when the user is logged on after first time)

1) Screen D01: Screen to show all latest reminders

The screen will show the list of latest reminder entries. To understand this screen, see the next screen E01 , where the data for reminders are entered.

- Field 1: Text → Text which was entered on create-reminder
- Field 2: Date and Time
- Field 3: Type of Reminder (Show TEXT and ICON)
- Example types:
- Type 1: Home work (icon of a Text book)
- Type 2: Exams (icon of writing pad)
- Type 3: Return Library books (icon of book shelf)
- Type 4: Birthday (cake with candles)
- Type 5: Sport days (a man with football or person running)
- Type 6: Special Reminder (free list of icons to be provided while entering text)
- On the right side of each entry, the icons „Edit“ and „Delete“ will be shown.

VI. CONCLUSION AND FUTURE WORK

Thousands of reminder apps are available in the market through vendors such as Apple Store® and Google Play™. Many daily tasks need to be tracked, and many important events such as birthdays, appointments, assignment deadlines and anniversaries cannot be missed. This application is intended to be more useful than existing schedule reminder application by offering dynamic notifications to user. The application manages the event schedules for user by keeping track of all the scheduled events.

REFERENCES

- 1.Y.Bhavani*,and Yadav, ISSN: 0974-6471, Vol. 10, No. (4) 2017, Pg. 760-764 Oriental Journal of Computer Science and Technology
2. R.Deeptha and Rajeswari Mukesh, The Preliminary Investigation of SSO Protocol for the Suitability of Mission Critical Applications ,Indian Journal of Science and Technology, Vol 10(42), DOI: 10.17485/ijst/2017/v10i42/120340, November 2017 ISSN (Print) : 0974-6846 ISSN (Online) : 0974-5645
3. Nethra.V , Varshini.C ,Vishmitha.S , S.Jansi Rani , Location Based Task Reminder Android Application, International Research Journal of Engineering and Technology (IRJET)
- 4.Srihari Reddy pamulapati ,Longzhuang Li 2017 IEEE 5th International Conference on Future Internet of Things and Cloud (FiCloud)
5. Minal S. Mahure , Place Reminder- An Android APP ,IJCSMC, Vol. 4, Issue. 1, January 2015, pg.192 – 200
6. Deeptha R. , Rajeswari Mukesh, Extending Open ID Connect Towards Mission Critical Applications, Volume 18, No 3•CYBERNETICS AND INFORMATION TECHNOLOGIES 2018 Print ISSN: 1311-9702; Online ISSN: 1314-4081•Sofia DOI: 10.2478/cait-2018-0041



7. Deeptha R, and Rajeswari Mukesh, The Framework for Testing of Web Services through Actions in addition to Scripts, Applied Mechanics and Materials Vols: 490-491 (2014) pp 1617-1623 © (2014) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/AMM.490-491.1617



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