

Location Based Mobile Business Diary

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Abstract: As now a day's people love to travel and click picture and wanted to share their experience to the others and who do not want to share to other they can create his/her own history. Our purpose for making this Android Application is to bring technology up to next step. We want to invent an android application for the user who can easily store his experience of different location and restaurant for the personal use. This Android Application helps people to store a big amount of data and also always access through the date and time. User will put the date when he/she create story and access whenever he/she wants. This will make easy and more convenient for user. User not only tag multiple places on single google map but also provide click on map for user convenient. Moments or stories will be store using of date and time. It is new concept of storing a moment of user from category wise and will help user to find their story or moments from anywhere in anytime.

I. INTRODUCTION

The purpose for making this Android Application is to bring technology up to next step. We want to develop an android application for the user who can easily store his experience of different places with respect to the date, time and location for the personal use and for the evidence purpose. As now a day's people love to travel and click picture and wanted to share their experience to the others and who do not want to share to other they can create his/her own history. This Android Application helps people to store a big amount of data and also always access through the date and time. User will put the date when he/she create story and access whenever he wants. This will make easy and more convenient for user. User not only tag multiple places on single google map but also provide click on map for user convenient. Moments or stories will be store using of date and time. It is new concept of storing a moment of user from category wise and will help user to find their story or moments from anywhere in anytime. The user can either sign up and log in to their existing account

II. LITERATURE REVIEW

There are inbuilt applications in the smartphone such as Calendar, Notes app and so many events storing and remainder application. This application may be provided by smartphone or third party. This app is used to store the events information or the remainder of the event but they are not the fully developed with all the features like the auto date and time, event location, category of the event and the images of the event or story.

1. Existing Systems:

The existing system involves some of the applications such as notes, calendar & event storing application. The android note app only allows us to write stories in a textual manner. The calendar app provides us to take a note on a particular date and time.

2. Disadvantages of the Existing Systems:

The note app only provides us to write notes in a text format and it does not allow us to store stories in pictorial format. Also, it does not contain any GPS location or any kind of date & time.

The calendar app does not store location about the event and it store in application itself.

If we consider Picture as an event memory but picture does not contain any location information and pictures can easily edited and lost its originality.

III. PROPOSED SYSTEMS

1. Problem Definition

It is new concept of storing a moment of user from category wise. As now a day's people love to travel and click picture and wanted to share their experience to the others. This Android Application helps people to store a big amount of data and also always access through the date and time. User will put the date when he/she create story and access whenever he wants. This will make easy and more convenient for user to search their stories with the help of date and time. User can easily search their data to select date from the calendar.

2. Proposed System

In our Android Application, the user must not be worry about how the data is getting stored. Here user just have to enter the information with their corresponding places. Our application will automatically take the current location of the user. The result will show in the form of list.

Modules:

1. First module includes the user authentication and create the login credentials for the new user and provide the login screen to the existing user.
2. In second module we include the google map integration to the application for getting the current location of the user.

- In third module we provide the different categories of the stories which is the most of the popular categories and also here we provide the share the story features and the trash system for the user. Trash system is usable for holding the deleted stories.

IV. IMPLEMENTATION DETAILS

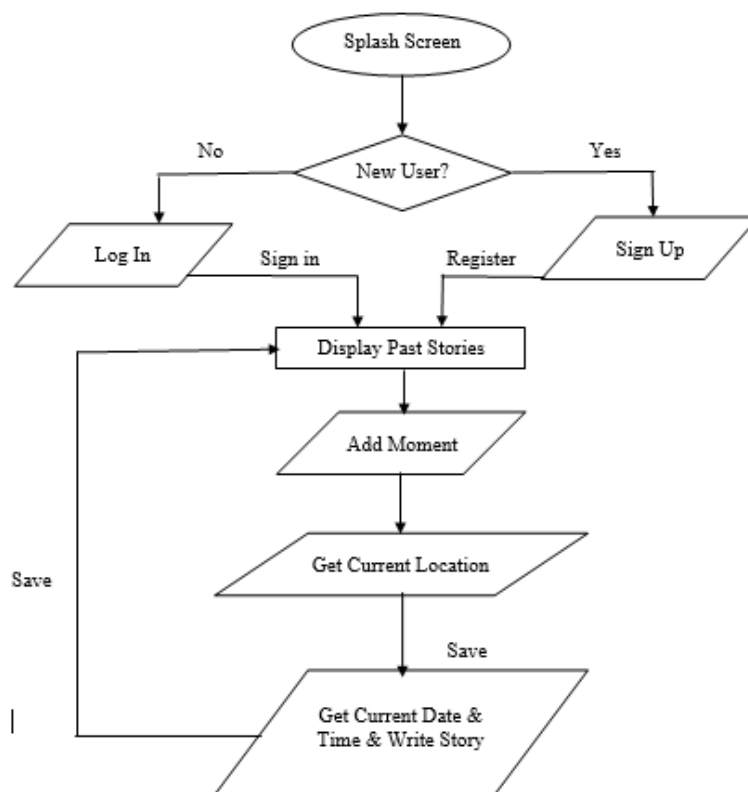
In our Android Application, firstly the user is required to sign up to the application if he/she is the new user or if he/she is the existing user then log in is required.

While filling the sign-up form if the user forgets any of the information to fill then the page will automatically show the error message. This is possible by adding the validation the validation feature in our application. The user is required to fill his first name, email, mobile number, password & gender.

If the existing user logs in the he is jumped to the page where he will able to see many categories of places wherever he/she was visited in the past in the form of tabs. The tabs are airport, bank, hotels, hospital, temple, movie theatre, bus stop, restraint, tourist spot, office company, railway station & so on. The stories will be listed into the particular category along with the information.

To add the story the user is required to press the floating button placed on bottom right corner with plus (+) icon which opens new activity where he can select either his current location or the particular location that he wants. Then he will click on add story button.

After clicking on add story he will be jump to the new activity page, the page contains many fields, the address field will automatically fetch the location that you've selected, then the user is required to select the category as mentioned above, the date & time will be selected automatically, after the main section is given to write the story, and then user is required to click on the save button. The story will be saved on the mobile device as well as on the server.



To develop this Android application, we first use the XML (Extensible Markup Language) to develop the User Interface. The User interface contain the basic details of the given application. The various tags of XML make possible to devolve the User-friendly interface for easy communication with the user. The user interface contains the various functionality such as Text Box, Buttons like submit and clear.

The backend part will be handled by java. The navigation of pages, handling key events, google map API is also done in java. The java backend is also responsible to create the SQLite database as well as read the entries.

The server-side implementation is done in the php (hypertext preprocessor) which is responsible to handle the server-side events such as request and response of the data from the database. The database used on the server is MySQL database server. The MySQL allows to create, read, update & delete the data on the server.

For the server-side implementation, we are using free hosting site which is 000webhost.com which allows free hosting for the particular period of time. The php script is required to upload on this site to take the advantage of the MySQL database.

V. RESULT

Our Android application will accept the current location input from the user & according to that the location will be saved along with the other fields the user will enter into the fields. Firstly, the application will automatically fetch the current location into the address field. Then, the user has to select one of the categories based on his current place such as airport, bank, hotels, hospital, temple, movie theatre, bus stop, restraint, tourist spot, office company, railway station.

The date and time will be get selected automatically based on the current date & time. The large text area is provided where the user will write the moments of his life in his own words.

As soon as the user clicks the save button the information gets saved into the androids SQLite database. This is because if the user doesn't have any mobile data available, still the information will be kept into the device & whenever the user connects to the internet the information gets uploaded onto the server.

The user can access the information anywhere & anytime by using his own unique username and password. The user is able to access the data on any android device.

VI. CONCLUSION

Thus, we observed that, the Android application is working properly as per our requirement and it provide proper result. The outcome of the Android application is positive and the result is accurate.

VII. FUTURE SCOPE

“Location based Mobile Business Diary” may have ability to remind the users of their past experiences and moments with respect to date, time and location. It can be a combination of all the application which is use to store the event, pictures, and remainder. It may have the scope that, the story is shareable to the friends that is registered on the app with the help of mobile number.

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