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TAKWIM

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Abstract: The android-based calendar mobile application is to reach a date in the "N" centuries within less time and human effort. The user would be stress-free and no sheer time waste in reaching a specific date. One of the most important application used in our daily lives is the Calendar Application. The application makes us more comfortable in usage of the calendar and also reduces in the drawbacks of the present calendar application in our mobile phones. The mobile users can have everything in a single touch.

Keywords: Mobile Application,"N" Centuries, Reduced Efforts, Calendar Application, no Sheer Time Waste.

I. INTRODUCTION

The world has been completely modernized within very short span. The most widely used gadget in the present generation, which has become a complete whole and soul of our daily lives are the Mobiles. With the revolution of the mobile, the applications developed through the years have completely made our more comfortable and easy. Through our innovative approach, we avoid the existing drawbacks of the present calendar application. We have come up with this Mobile Application which reaches a specific date anywhere from "0-N" centuries within no time. The idea is to enable a new and easy calendar application that takes the level usage of the mobile application. This is basically an application which asks the user to enter date, month and year. Consequently, it directs the user to the desired date. Thus, it reduces the man effort.

II. LITURATURE SURVEY

In this proposed system, the calendar application is been developed to avoid the drawbacks of existing application and build an application which is more comfortable and easy to navigate to a specific date. This application also serves the purpose of reaching a date anywhere in the N centuries.[1] In the existing system, to user needs to reach a particular date he/she has to swipe for longer time. Moreover, other drawback that led us to take up this idea called "TAKWIM" is that the calendar application which are been used are only for two centuries.[2] Thus, by taking all these factors into consideration we have put forth the idea of our application.

III. PROPOSED SYSTEM

In our proposed system, the calendar mobile application reaches a specific date within no time and reduces human efforts. Also, we can navigate through "N" centuries within a touch. The concept of developing the application is to discard the drawbacks of the existing calendar in the mobile and make to more user friendly.

The present calendar has this inbuilt feature of having the dates only for two centuries. To reach a specific date we have to swipe wasting more human efforts. To avoid this issue, we have taken up this application and make it easy for usage

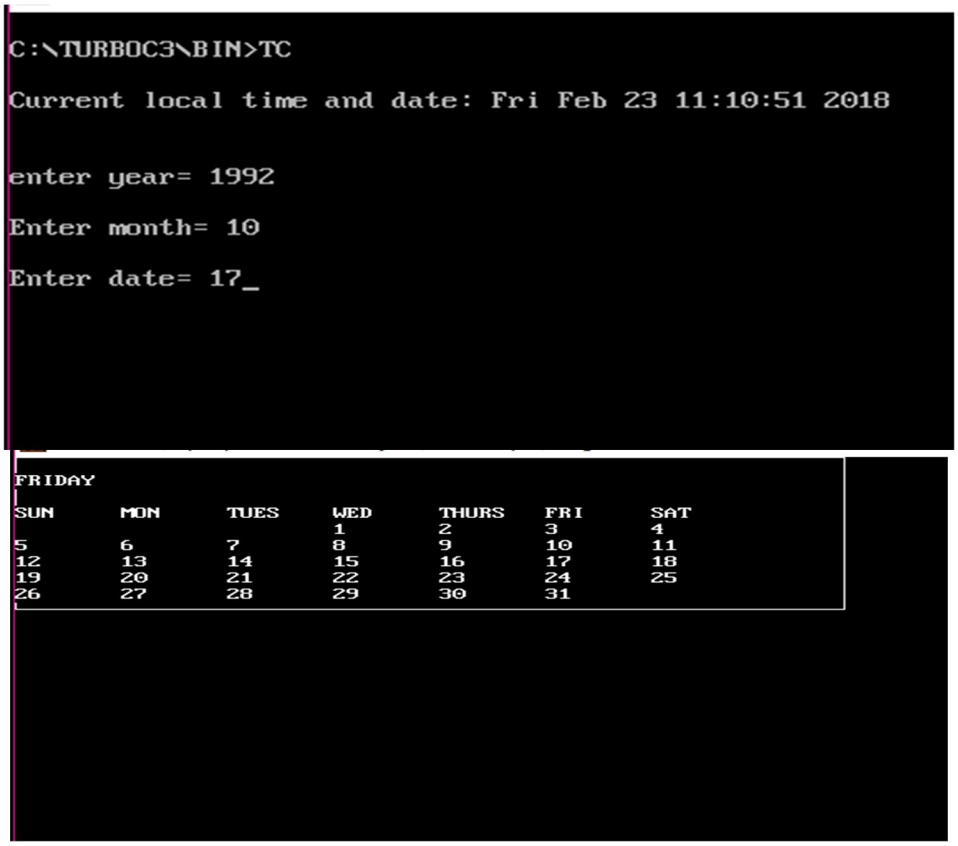
One touch : Reach a specific date in "N"' centuries.
Time : Reduce the time to reach a specific date.
Present Date : Displays the present month calendar.
Month view : Displays the specified date in month view.

IV. IMPLEMENTATION

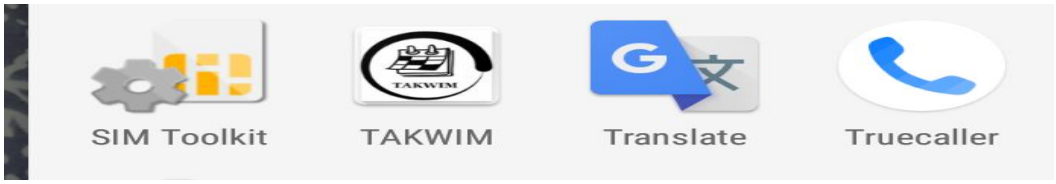
The calendar is been implemented in C Language which also a desktop based usage. The mobile application is mainly developed to make it more reachable to the users. The application is been developed through the platform Android Studio and the code implementation in JAVA programming Language. The major issue faced during developing the application is that the android studio consist of set of rules been implemented which restricts the calendar to two centuries[3].

The C program code navigates to any specific date in the N centuries.

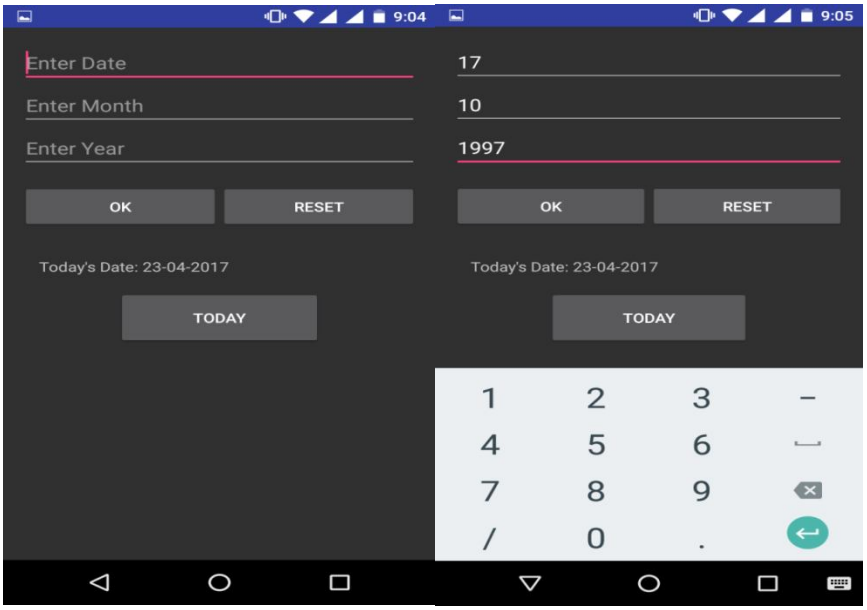
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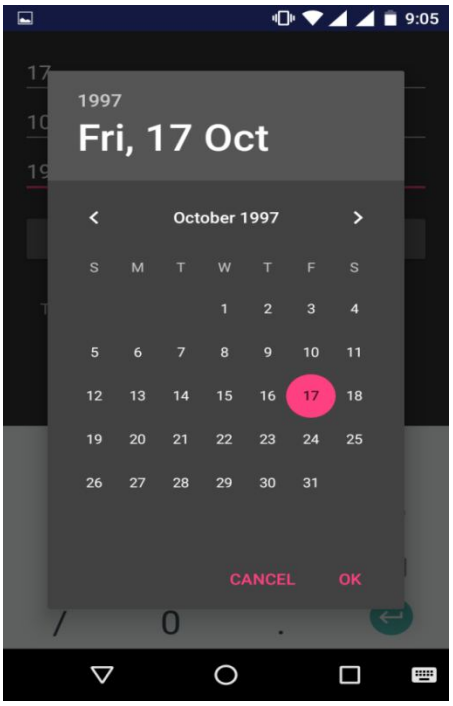
The application has initially the screen where the specific date is to be manually entered.



On entering the date, the application navigates to within seconds and displays the required date been highlighted in the month view.



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The application has similar as well as unique features as our existing calendar application. The code runs behind and displays the output within milli seconds. The application occupies a memory space as other applications.

V. CONCLUSION

This application software has been computed successfully and was also tested successfully by taking “test cases”. It is user friendly, and has required options, which can be utilized by the user to go to respective date. The software is developed using android as front end and turbo c as back end in Windows environment. The goals that are achieved by the software are:

1) no man effort and no sheer waste of time
2) Efficient in reaching date without effort
3) Simplification of the operations.
4) Less processing time and getting required information.
5) User friendly.
6) Portable and flexible for further enhancement.

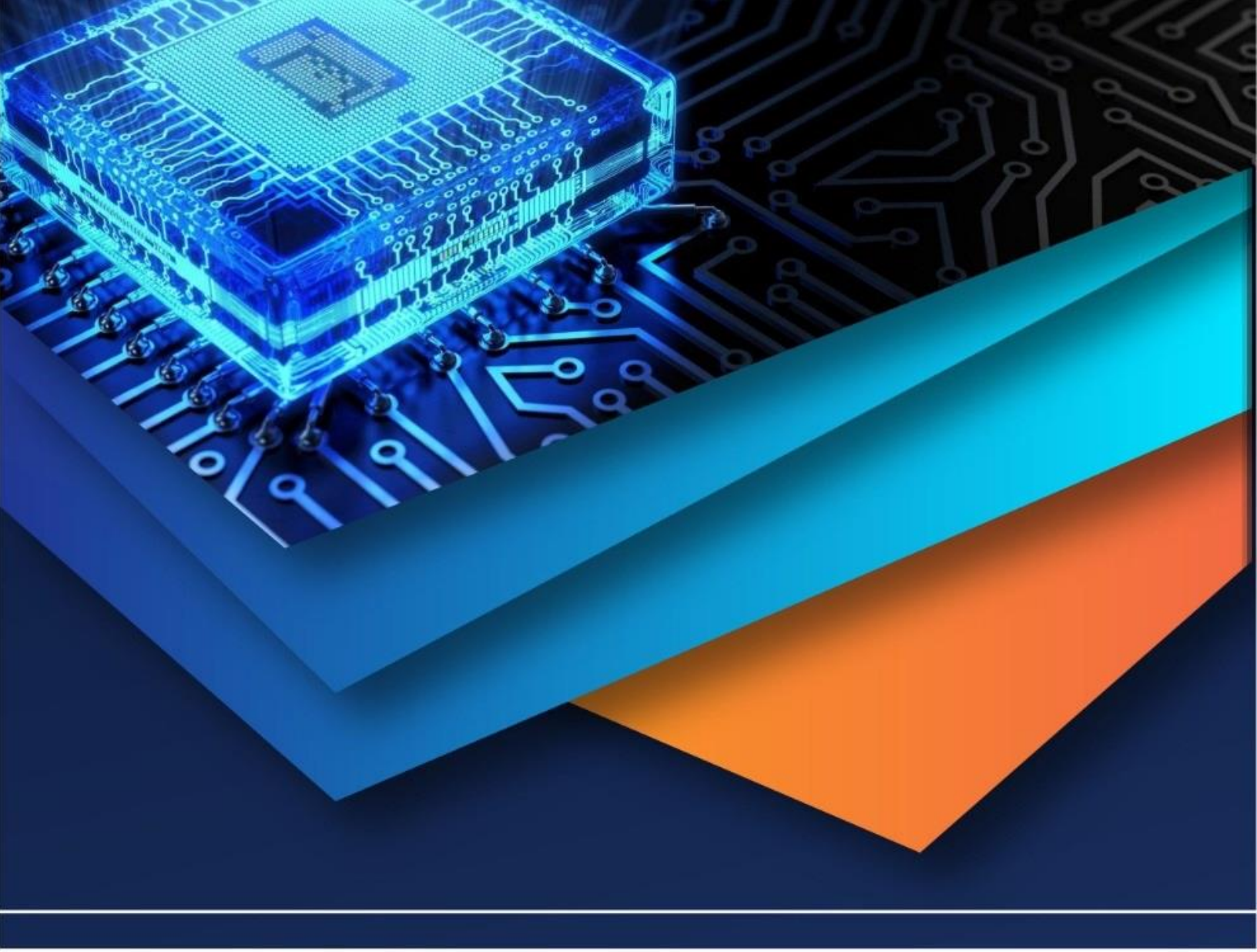
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