

Android Based Application for Trichy Women 360 (ABAT-WOMEN 360)

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ABSTRACT

ABAT-women 360 is an Android based application especially designed for Trichy women development. The development of mobile phones is massive in technology development. The first mobile phone was invented in 1973 by Motorola. The operating system is responsible for determining the functions and features available on the device such as keyboards, applications, email, text messaging. According to data from the International Data Corporation (IDC), the worldwide Smartphone market grew 1.1 percent year over year in 2016. Android dominated the market with 86.8% share in 2016, followed by iOS at 12.5%, and Windows phone at 0.3%. Android is an open source Linux based system developed by Google, and primarily aimed at mobile handsets and other portable devices. Android provides a java based development platform for applications. The purpose of developing a women application is to use it anywhere and anytime to gain knowledge. The application very effective to be viewed in a mobile phone and using several applications for various reasons can consume lot of memory. This women application provides a wide range of useful information which is split into several functionalities. These include: career, security, beauty, cooking, health, motivation stories, daily news, new collection, fitness. In particular it is specially designed for the Trichy women. This application mainly provide details for their feature and for security. Notifications will be given for government exams, ideas for self-employment, loan and scholarship.

Keywords : Trichy, Android Studio, Smartphone, Geny-motion, Eclipse juno, Security, Careers

I. INTRODUCTION

Trichy, a smart city in India which bagged sixth rank in the Swachh Survekshan 2017, which is also Third largest municipal corporation and the fourth largest urban agglomeration in the TamilNadu has more Historical and cultural features. ABAT-WOMEN 360 is designed to provide security and notifications to women main purpose of this application to provide the exam notification, awareness on the time of critical situation for women.

Generally you can activate this service by clicking on ACTIVE SERVICE button. When you clicking on this button service get activate and know whenever you click on

VOLUME button it opens a new window and sends SMS to people, whose contact you saved at the time of registration. The SMS contains your message and your

current location. Deactivation of security services can also be done when the user does not want to track them. Apart from security this app also provides job alerts and also makes women mentally strong. This guides the women for their feature.

Existing System

There are millions of android app available in Google play store. These are categorised to Android wear, Art & Design, Auto & vehicles, Beauty, Books & reference, Business, comics, communication, dating, Education, Entertainment, Events, Family, Finance, Food and drink, Games, Google cast, Health and fitness, house and home, libraries and demo, life style, maps and navigation, medical, music and audio, news and magazines, parenting, personalisation, photography, productivity, shopping, social, travel and local, video player and editor, Tools, sports, weather. The available

apps for security like bSafe, Education app like grade up, beauty apps like beauty plus, etc.

II. Related works

A. Women's Security

This is a Smartphone App that helps Women To Ensure their safety using their Devices. The App has been shortlisted in the "NASSCOM WOMEN'S SECURITY APP FAME CONTEST".

B. bSafe

Enable the alarm by touch or voice. The alarm is activated on the mobile of all people in your network. They will receive an alarm, open and provide the victims location with live tracking. A video that was recorded when the alarm was activated, is automatically sent to guardians mobile.

C. ADDA 247

Adda 247 is Official app by team Bankers Adda (bankersadda.com) and SSC Adda (sscadda.com) for IBPS, IBPS PO, Bank PO, Bank Clerk, SBI PO, SBI Clerk, Bank PO 2017, IBPS PO, SSC, SSC CGL 2017 and other government jobs. This is a comprehensive mobile for all government jobs in 2017 including bank exams 2017, IBPS 2017 and SSC CGL 2017.

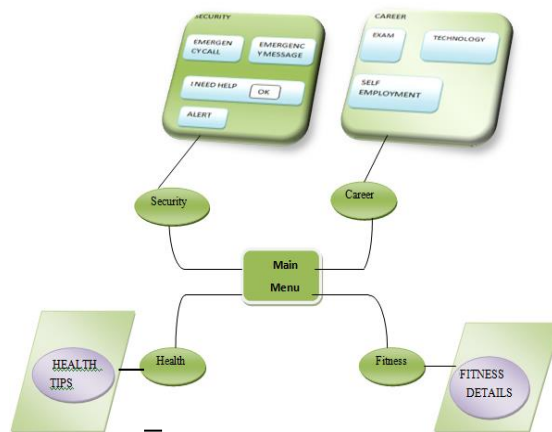
D. Current Affairs & Daily General Knowledge Quiz
Testbook.com - Daily Current Affairs GK Quiz is the most used & top rated Current Affairs app. India's favourite way to learn Current Affairs for Bank, SSC, Railways, Civil Services, MBA exams in Hindi & English. Now master General Knowledge and Awareness anywhere, anytime for free.

III. ARCHITECTURE

The system is proposed to provide,

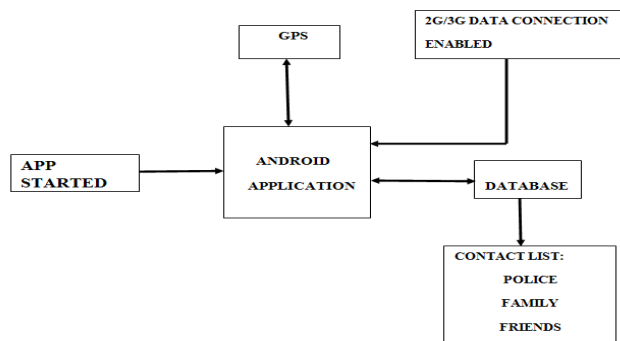
- To make available
- Safety
- Career guide lines
- Entertainment
- Motivation
- Skill development
- Employment

This application is specially designed for the Trichy women.



The Architecture of the "ABAT-WOMEN 360" above Description By clicking on the main menu user can navigate and select security, Career, Health, Fitness. On selecting Security icon user can get help from registered person. By Navigating to Career icon user can develop the career. On selecting Health icon user can get details about health issues. On selecting Fitness icon user can get fitness tips.

BLOCK DIAGRAM



SYSTEM IMPLEMENTATION

It is an android app with no cost. Several IDEs can be used for development of android app most common is Android Studio which is open Source with in build packages, which is easily accessible and available to all.

IV. RESULT



Figure 1. Splash Screen Splash is displayed.

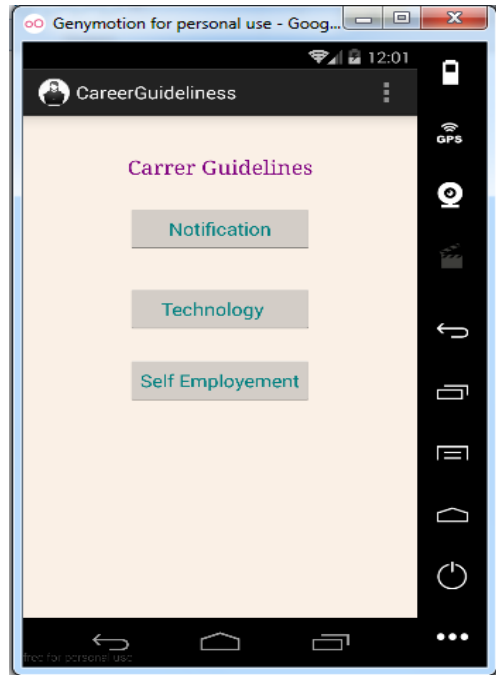


Figure 3. Menus in Career which has menus for career includes submenus such as Notification, Tech, Self-Employment

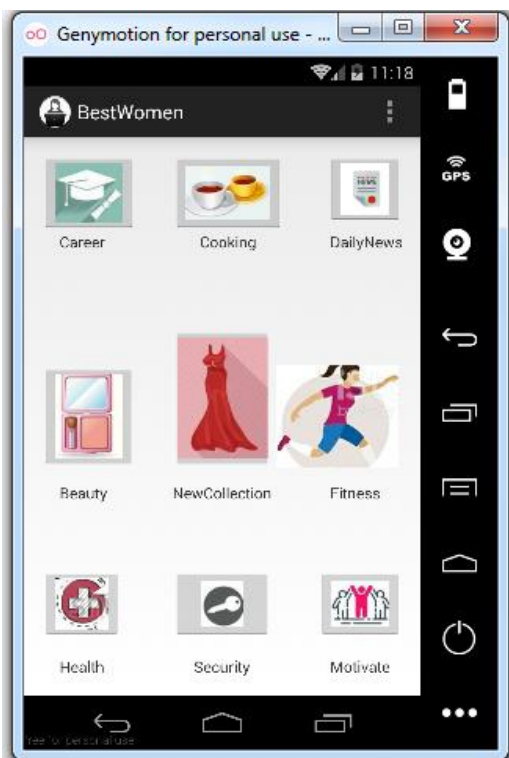


Figure 2. Menu of the application which is the home screen

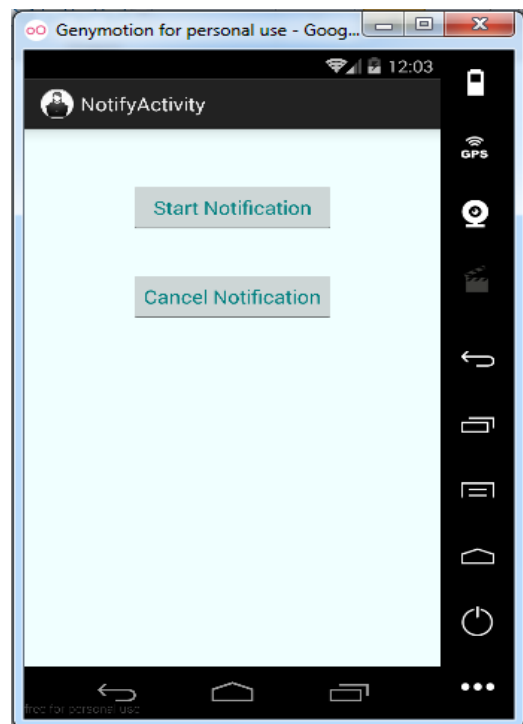


Figure 4. For notification display

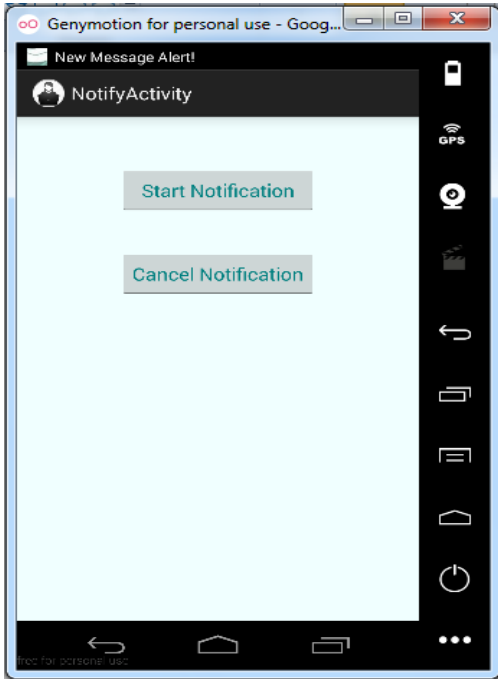


Figure 5. Display of notification

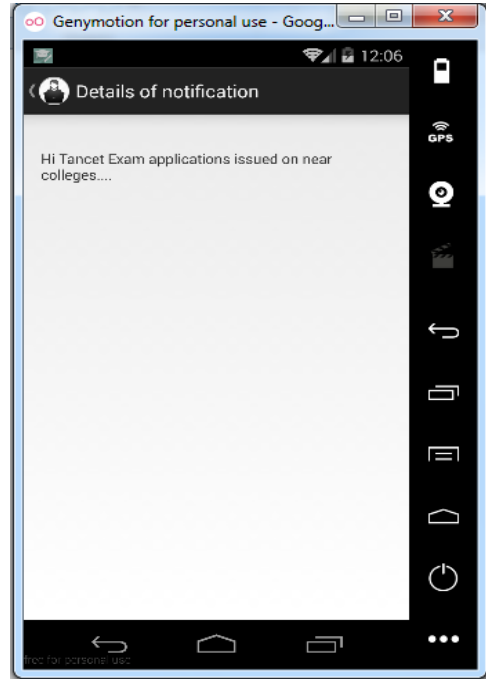


Figure 7. Notification Details

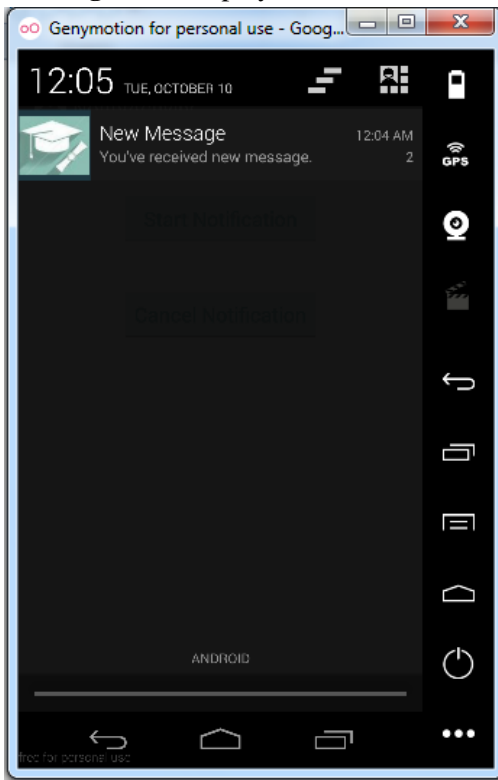


Figure 6. End user view



Figure 8. Cooking Tips with content scroll

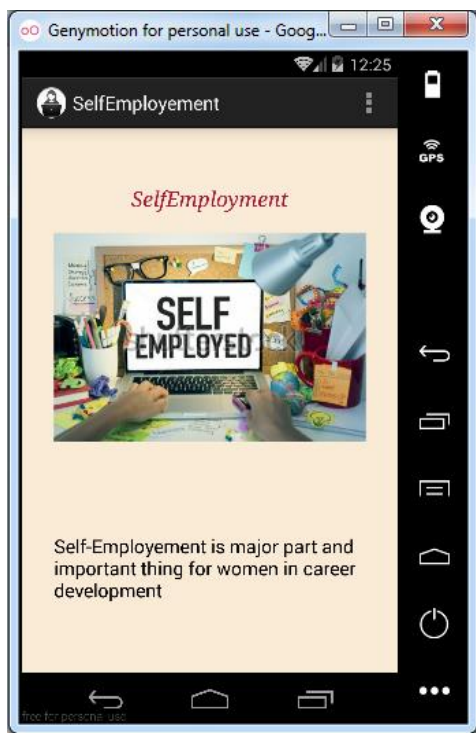


Figure 9. Self employment details with image button

V. CONCLUSION

“ABAT-WOMEN 360” is a very useful application that helps the women to get more information about the society and the career. And also get frequent notifications about jobs and updated technology information. In future we will develop this for sending notifications to other devices via cloud, firebase.

VI. ACKNOWLEDGEMENTS

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