**Android Studio e-Project**

Android Health Monitor

**Submitted To**

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**Project Instructor**

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# ACKNOWLEDGEMENT

***W***

*e are thankful to Almighty, ALLAH that by His grace we have been successful. we presenting on* ***Android Studio*** *in your hands. We have tried our best to take all relevant important topics in consideration so that this project may become comprehensive.*

*This is our* ***Second Year Semester E****-project. We have tried our best & struggled for a better outlook to come. This project has been developed in* ***Android Studio.*** *We choose to make Webpage for* ***Android Health Monitor*** *as a project. We find easy to do coding in* ***Android Studio.***

*We earnestly hope that this project will provide all the necessarily information required for the user to fulfill their inspiration. However suggestions for improvement of the project will be thankful received & acknowledge.*

**THANKING YOU……**

# Project Certification

*This is to certify that,*

*Youusf, Maaz, Wahaj & Hassan as successfully Designed & Developed* **"*Android Health Monitor”***

*Date of Issue:*

***22-November-2022***

*Authorized Signature:* ***Sir Sallah***

# “INTRODUCTION TO Harvic Electric”

The thirst for learning, upgrading technical skills and applying the concepts in real life environment at a fast pace is what the industry demands from IT professionals today. However busy work schedules, far-flung locations, unavailability of convenient time-slots pose as major barriers when it comes to applying the concepts into realism. And hence the need to look out for alternative means of implementation in the form of laddered approach.

The above truly pose as constraints especially for our students too! With their busy schedules, it is indeed difficult for our students to keep up with the genuine and constant need for integrated application which can be seen live especially so in the field of IT education where technology can change on the spur of a moment. *Well, technology does come to our rescue at such times!!*

Keeping the above in mind and in tune with our constant endeavour to use Technology in our training model, we at Aptech have thought of revolutionizing the way our students learn and implement the concepts using tools themselves by providing a *live and synchronous eProject learning environment!*

**REQUIREMENT SPECIFICATION:**

The main aim of developing this project is to create a health application to monitor a user’s health. This is an android based app.

The application must have a tabbed layout

a) The application shall have a signup/information collection page. Once the user creates a profile the following fields must be stored permanently and must be displayed in the “personal” tab. User must have the ability to update at any time.

Name

Age

Height

Weight

b) The second tab should contain links to common health topics. There must be a list view and each link should open in a details view. (atleast 5 different links to get information about health/diet/diseases etc.

c) The third tab should allow the user to enter his/her details about health on a daily basis.

The app must store the data day-wise and must present the trend in increase/decrease on these three levels on a weekly, monthly and yearly basis. (i.e. Average of the week, month and year). You can add the option to add a date or you can pick a date from system.

Blood pressure level

Blood sugar level

Calorie intake

d) Based on the information provided and result calculated from the third tab the fourth tab should display further information. The information should be category wise stored links to health websites.

If the BP level is not in range for week or month; then the suggestion to improve the BP levels

If the Blood sugar level is not in range for week or month, the suggestion to improve Blood sugar levels

If calorie intake is not consistent then the suggestion to normalize the calorie intake.

**HARDWARE REQUIRMENT :**

* Android mobile with a minimum version 2.2.
* The processor is not less than 500MHZ.
* RAM is not less than 2048MB.
* SD card with a minimum of 512MB.
* Resolution is not less than 480\*800pixs.

**Software Requirements :**

Use software as per your requirement

* Windows OS/JAVA/Android SDK/Notepad/SQL/Android 2.2 or Later

**PROJECT DURATION :**

1. *Analysis-18 Hrs.*
2. *Design – 22 Hrs.*
3. *Development –20Hrs*
4. *Testing – 12 Hrs*
5. *Documentation -11 hrs*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Analysis | Design | Development | Testing | Documentation |

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |

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# Task Sheet

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *No.* | *Task* | *Actual Start Date* | *Actual Days* | *Team Mate Name* | *Status* |
| 1. | Analysis | 1-Nov-2018 | 2 | Yousuf Maaz Wahaj Hassan |  |
| 2. | Design | 2-Nov-2018 | 2 | Yousuf Maaz |  |
| 3. | Development | 4-Nov-2018 | 17 | Yousuf |  |
| 4. | Testing | 21-Nov-2018 | 1 | Yousuf Maaz |  |
| 5. | Documentation | 22-Nov-2018 | 1 | Yousuf |  |
| 6. | Finalization | 23-Nov-2018 | 2 | Yousuf |  |

# Snap Shots

