

## **HEB APP (Health Emergency Beauty)**

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**Abstract:** *Now-a-days people don't have time to look after their health & fitness in this busy life. People are not in a position to meet or listen the instructions of doctor/fitness trainer/beauticians. There are websites that have the information regarding health, beauty and fitness in different sites. But there is no mobile app that contains the information of these things together. HEB (Health Beauty Emergency) mobile app contains first aid instructions, health tips, beauty tips, related hospitals, Suggestions and Toll free numbers. These modules have precautions, dos & don'ts, images, tips, result etc., along with audio of instructions in English. Tips and practices for emergency, health, fitness and beauty in a single mobile app which don't need internet as it works offline. So this app for the user will be a fitness trainer, doctor, beautician, and instructor.*

**Keywords:** *Health, First Aid, Beauty, Audio Speech etc...*

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### **1. INTRODUCTION**

This Paper aims to develop a mobile app that contains instructions of health emergency and beauty. So implementing HEB (Health Beauty Emergency) mobile app that contains first aid instructions, health tips, beauty tips related hospitals Suggestions and Toll free numbers. These modules have precautions, dos& don'ts, images, tips, result etc., along with audio of instructions in English. Tips and practices for emergency, health, fitness and beauty in a single mobile app which don't need internet as it works offline. So this app for the user will be a fitness trainer, doctor, beautician, and instructor.

The system analysis includes Existing system limitations, proposed system with features, and requirements of the system that includes both hardware and software requirements and functionality of each module.

#### **MIT APP INVENTOR 2:**

App Inventor is a cloud computing tool, meaning that your app is stored on an online server as you work. So if you close App Inventor, your app will be there when you return; you don't have to save anything on your computer as you would with, for example, a Microsoft Word file.

The App Inventor programming environment has three key parts:

- The Component Designer. You use it to select components for your app and specify their properties.
- The Blocks Editor. You use it to specify how the components will behave (e.g., what happens when a user clicks a button).
- An Android device with which you can actually run and test your app as you are developing it. If you don't have an Android device handy, you can test the apps you build by using the Android emulator that comes with the system.

### Designing the Components:

The first tool you'll use is the Component Designer (or just Designer). Components are the elements you combine to create apps, like ingredients in a recipe. Some components are very simple, like a Label component, which shows text on the screen, or a Button component, which you tap to initiate an action.

### Other components are more elaborate:

A drawing Canvas that can hold still images or animations; an accelerometer, which is a motion sensor that detects when you move or shake the device; or components that make or send text messages, play music, and video, get information from websites, and so on.

- You build apps by selecting components in the Designer, and then in the Blocks Editor, you tell the components what to do and when to do it.
- Some components are visible and some aren't. The visible ones appear in the user interface of the app. The non-visible ones do things such as play sounds.
- You define components' behavior by assembling blocks in the Blocks Editor. You first drag out an event handler, such as Button1.Click, and then place command blocks like Sound. Play within it. Any blocks within Button1.Click will be performed when the user taps the button.
- Some commands need extra information to make them work. An example is Vibrate, which needs to know how many milliseconds to vibrate for. These values are called arguments or parameters.
- Numbers are represented as number blocks. You can plug these into commands that take numbers as arguments.
- App Inventor has sensor components. The Accelerometer Sensor can detect when the device is moved or shaken.
- You can package the apps you build and download them to the phone, where they run independently of App Inventor.

## **2. RELATED WORK**

### **Feasibility Study:**

Feasibility study is an important phase in the software development process. It enables the developer to have an assessment of the product being developed. It refers to the feasibility study of the product in terms of outcomes of the product, operational use and technical support required for implementing it.

Feasibility study should be performed on the basis of various criteria and parameters. The various feasibility studies are:

- Economic feasibility
- Operational feasibility
- Technical feasibility

### **Economic Feasibility:**

It refers to the benefits or outcomes we are deriving from the project as compared to the total cost we are spending for developing the project. Now days every organization has been computerized and our sensitive data is outsourcing to third parties and we are losing possession over data. In this project, we developed a new solution for overcoming drawbacks of previous implementation.

### **Operational Feasibility:**

It refers to the feasibility of operation done in every module in the developing a new approach to data storing as multiple copies over cloud servers. This application can be easily understood by any person with minimum knowledge. So this project is operation feasible.

### **Technical Feasibility:**

Technical feasibility is nothing but implementing the project with existing technology. The queries to be answered when we take up this feasibility are the present technology sufficient to do

the project? Does the proposed equipment have the technical capacity to hold the data required to use the new system? Will the proposed system provide adequate responses to inquiries, regardless of the number or location of the users? Can the system be expanded if developed? Are the technical guarantees of accuracy, reliability, ease of access and data security?

The proposed system is technically feasible because in this application java language is used. Java is a platform independent, so this application can be run at any platform.

### 3. PROBLEM ANALYSIS

#### 3.1 Existing Problem:

There are different mobile apps and websites that have the information regarding Health, Emergency, Beauty and Fitness separately. But there is no mobile app that contains the information of all these things together.

#### Limitations of existing problem:

- Audio facility of instructions is not available in existing apps.
- Combined information of Health, Emergency, Beauty, Fitness, Hospitals, and Toll-Free is not available in a single mobile app.

#### 3.2 Proposed System:

- Contains voice recordings of instructions in English.
- The proposed system have precautions, tips, do's & don'ts, result etc., for Health, First Aid, Beauty, Related Hospitals, Suggestions and Toll-Free numbers.

### 4. IMPLEMENTATION

Mainly the designing of HEB App involves the following modules. The functionalities of each module are described below.

#### Modules:

1. First Aid
2. Health Tips
3. Beauty Tips
4. Hospitals
5. Toll-Free numbers and
6. Suggestions

#### 4.1 First Aid Module:

First aid is a basic knowledge about how to help people who are suddenly injured or sick. Mainly first aid is used at accidents to help an injured person until he or she receives medical treatment.

Although the medical department has the finest equipment and its personnel have been trained in the most modern methods of saving life and easing pain.

There may be a time when your life or that of a friend will depend on your knowledge of first aid. You can save a life if you know what to do and what not to do, and if you can act quickly and calmly.

Remember, where medical help is not readily available, apply self-aid and then seek professional help or care.

The components included in First Aid are:

1. Burns
2. Cuts
3. Chocking
4. dog bites

5. fainting
6. fracture
7. heart stroke
8. nose bleed
9. scorpion sting
10. snake bite
11. Tooth ache
12. Abdominal pain in adults
13. Abdominal pain in children

#### **4.2 Health Tips Module:**

Health is a state of complete physical, mental, and social well-being and not merely the absence of disease or infirmity.

Health is the level of functional or metabolic efficiency of living organism. In humans it is the ability of individuals or communities to adapt and self-manage when physical, mental or social challenges.

The components of health tips are:

1. Exercises
2. Walking
3. Yoga
4. Daily food habits

#### **4.3 Beauty Tips Module:**

Beauty is a character of a person that provides a perceptual experience of pleasure or satisfaction.

The components of beauty tips are:

1. Beauty tips from Kitchen
2. Glowing skin
3. Facial masks
4. Dark circles under eyes
5. Hair fall control
6. Smooth and silky hair
7. Pink lips
8. Thick eye lashes
9. Homemade beauty tips
10. Skin whitening Home remedies

#### **4.4 Hospitals Module:**

A hospital is a health care institution providing patient treatment with specialized staff and equipment. A hospital typically is the major health care facility in its region, with large numbers of beds for intensive care and long term care.

Specialized hospitals include trauma centres, rehabilitation hospitals, children's hospital etc. with specific medical needs.

Today, hospitals are largely staffed by professional physicians, surgeons and nurses, whereas in the past, this work was usually performed by the founding religious orders or by volunteers.

The components of hospitals are:

1. Health care hospitals
2. Beauty care hospitals

#### 4.5 Suggestions Modules:

Suggestions are nothing but giving instructions, precautions, and simple tips to follow for good health and as well as natural beauty.

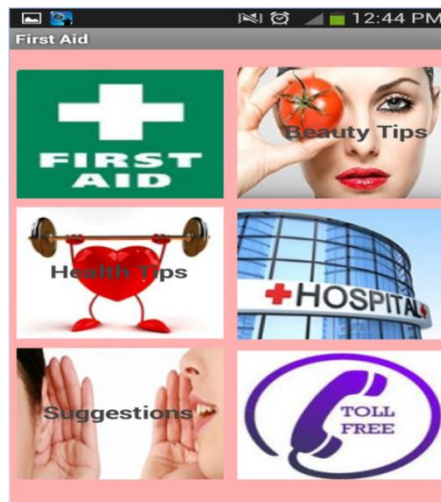
1. Thirteen Healthy habit to improve life
2. Ten Healthy habits parents should teach their children
3. Six healthy habits for living
4. Fourteen keys for healthy diet
5. Top ten beauty tips
6. Fifty Best beauty tips

#### 4.6 Toll-free-numbers:

Toll-free-numbers are useful for the person who wants to contact or to know about regarding information of health-care hospitals, airlines, banks, credits, automobiles, couriers, etc.

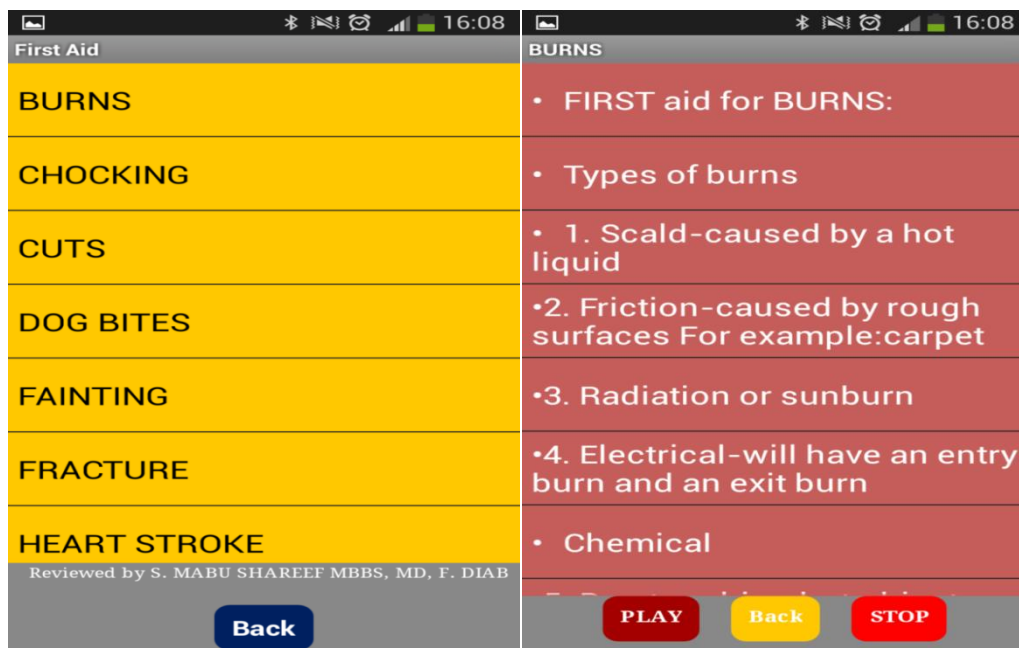
### Result

#### Sample Screens



Splash Screen

Start Screen



First Aid Screen

## 5. CONCLUSION

The proposed app will help the user to keep themselves Fit & Healthy by following the instructions provided in the app. First aid instructions are provided in case of basic treatment for the victim before taking to the hospital. Natural Homemade Beauty tips are helpful for both men and women to look naturally beautiful or handsome. This app also contains the information of some health-care Hospitals in India. Suggestions are provided for making your life more healthy and happy. Finally, the Toll-Free numbers available in India for various uses has been provided where user can call those Toll-Free numbers and get to know more information about things.

## 6. FUTURE ENHANCEMENT

This project can include many new features in future. Due to lack of memory space in MIT App inventor2 we have not included some features which we thought earlier, the below are the features. Including videos and more images for the data provided in app and operations like download the information from the app has not been provided. Therefore, the further enhancement of this project is developing the app with videos and more images and we can perform the download operation of the text if necessary

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