

# HEALTH MANAEMENT SYSTEM

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## Requirement:

Health Management System is used to get our health information by comparing our input details with the database. It is also used to get our BMI details in this database system.

## SWOT ANALYSIS

**strength:** It is simple to use and it cost effective and time saving

**weakness:** The results may be inaccurate if we have different symptoms than others.

**opportunity:** We can identify the diseases in the starting stage and treat it.

**Threat:** Emergence of new unknown disease.

## THE W's

- **What:** It is a Health checking application which can be used as an initial checkup before visiting a hospital.
- **When:** It can be accessed at any time.
- **Where:** It can be accessed anywhere.
- **Who:** It can be accessed by anyone.
- **Why:** It saves time and is cost effective.

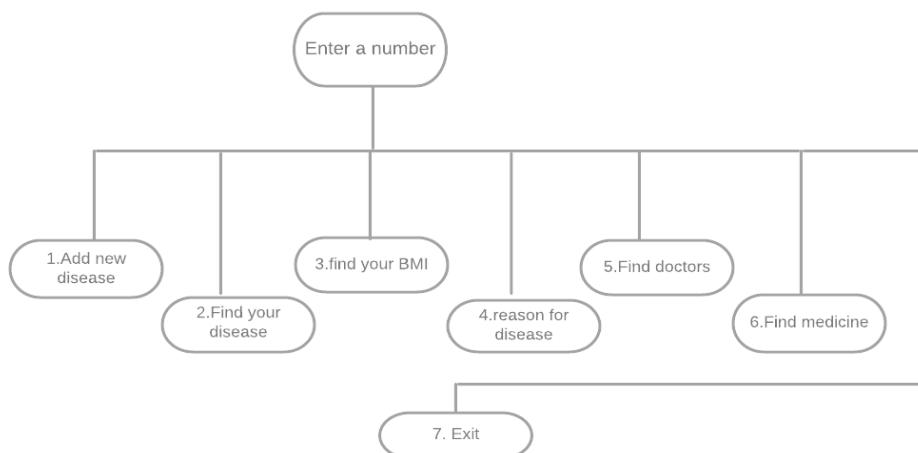
## ARCHITECTURE

### HIGH LEVEL REQUIREMENT:

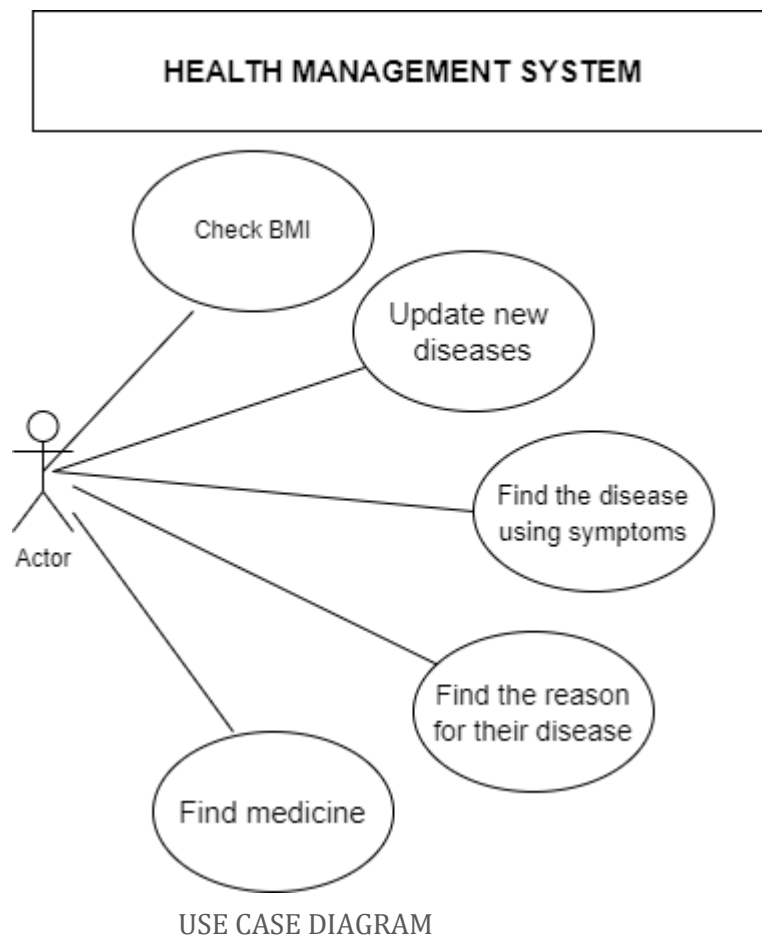
- User can add newly emerged diseases. User can check the disease they have by entering the symptoms they have.

### LOW LEVEL REQUIREMENT:

- User can delete or edit the data.



BEHAVIOURAL DIAGRAM



## IMPLEMENTATION

We can implement this program using C programming language.

## INPUT AND OUTPUT

Screenshots of the input and output:

Home page

```
Select C:\Users\shaji\OneDrive\Desktop\healthchecker.exe
choose your option
1.Add new disease details
2.Find your disease
3.Find your BMI
4.Find reasons for your disease
5.Find doctors available for your disease
6.Find medicines for your disease
7.exit
```

## 1. To add new disease details:

disease1 - Notepad

File Edit Format View Help

```
covid;cough;mask ;dolo;kg km kr;  
cancer;rash;clot;chemo;kg;  
dengue;dizzy;mosquito;crosin;kg psg ramakrishna;  
cardiac arrest;cardiac arrest;blockage of fat;operation;kg psg;  
covid19;cough fever dizzy;not social distancing;dolo 650;kg;  
corona;sore throat , fever ,tiredness;not social distancing;dolo 650;abc;
```

C:\Users\shaji\OneDrive\Desktop\healthchecker.exe

welcome to Health checker, Hope you are having a great day :)

choose your option

```
1.Add new disease details  
2.Find your disease  
3.Find your BMI  
4.Find reasons for your disease  
5.Find doctors available for your disease  
6.Find medicines for your disease  
7.exit
```

1

```
Enter how many disease do u want to add : 1  
Enter the disease name :corona  
Enter the symptoms of corona : sore throat , fever ,tiredness  
Enter the reasons of corona : not social distancing  
Enter the medicines for corona : dolo 650  
Enter available hospitals for corona: abc
```

press any key to go to home screen

## 2. To find your disease:

C:\Users\shaji\OneDrive\Desktop\healthchecker.exe

welcome to Health checker, Hope you are having a great day :)

choose your option

```
1.Add new disease details  
2.Find your disease  
3.Find your BMI  
4.Find reasons for your disease  
5.Find doctors available for your disease  
6.Find medicines for your disease  
7.exit
```

2

```
Enter the symptom 1 : fever  
Enter the symptom 2 : tiredness  
Enter the symptom 3 : sore throat
```

You may be suffering with  
corona

all other symptoms are :: sore throat , fever ,tiredness

press any key to go to home screen

### 3. To check your BMI:

C:\Users\shaji\OneDrive\Desktop\healthchecker.exe

```
welcome to Health checker, Hope you are having a great day :)

choose your option

1.Add new disease details
2.Find your disease
3.Find your BMI
4.Find reasons for your disease
5.Find doctors available for your disease
6.Find medicines for your disease
7.exit

3
enter your age: 22
enter your weight in kilograms:60
enter your height in metres:1.69
your BMI is: 21.007666
you are normal
press any key to goto home screen
```

### 4. To find reasons for the disease:

C:\Users\shaji\OneDrive\Desktop\healthchecker.exe

```
welcome to Health checker, Hope you are having a great day :)

choose your option

1.Add new disease details
2.Find your disease
3.Find your BMI
4.Find reasons for your disease
5.Find doctors available for your disease
6.Find medicines for your disease
7.exit

6
Enter the symptom 1 : fever
Enter the symptom 2 : tiredness
Enter the symptom 3 : sore throat

The disease you're suffering from may be
corona

The medicines for your symptoms are: dolo 650

press any key to go to home screen
```