



2022

# HEALTH HACK

**TEAM NAME : Noobies**

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**PUSH**



# OUR WEBSITES

## Components

### Fiton

Virtual Assistant  
that helps you in  
your workout



### Nutrigain

Virtual Assistant to  
guide with your diet



### Pixie

Virtual Buddy for  
Mental Health  
Support



### Daddy Doc

A Virtual Doc to  
classify symptoms  
and Diseases



# HEALTH AND TECH

Our ability to store, share and analyze health information is directly tied to improved technology. The use of technology increases provider capabilities and patient access while improving the quality of life for some patients and saving the lives of others

Health information technology presents numerous opportunities for improving and transforming healthcare which includes; reducing human errors, improving clinical outcomes, facilitating care coordination, improving practice efficiencies, and tracking data over time.

Our Idea is to develop an Interactive website that acts as an artificial health care assistant which guides and helps the user to increase his overall health and fitness in line with the interests of the user, it also comes with an additional feature that can predict and classify diseases based on the users' symptoms





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01

# Fiton

A gamified Virtual work out assistant.



# FITON

Fiton uses visual processing technologies and A.I to guide you through different exercises in a fun way. In order to make exercising more fun, we will be gamifying the experience.



The website will have a set of games that you can select from and all these games will be controlled by what activity you are are doing.

We will have games similar to temple run or subway surfer where the user has to run and jump and move left and right to control the characters

Fiton also makes sure you are optimally performing the exercises, preventing injury.

The website will be using computer vision and some open source human detection libraries paired with a light ML model to detect 32 points on your body. Using these 32 points we will be able to accurately predict what the user is doing. This all happens in real-time so the user gets instant feedback.

It also has a yoga posture correction which tells the user if his/her posture for that particular yoga form is right by providing the required change in the posture to be made



# Gym vs Fiton

	Gym	Fiton
Price	\$\$\$\$\$	\$
Personalized	✗	✓
Comfort	Travel to location	At home



# 02

## **NUTRIGAIN**

Calorie tracking with workout and diet  
plans specially customized for your needs





# NUTRIGAIN

Nutrigain takes in the necessary details of the user and provides the user the information on the number of calories required for the user to bulk or cut down on weight and gives daily step-by-step instructions for the user to follow.

it gives the user a monthly diet which includes the right kind of food and its amount down to the scale, this assists the user to achieve his cut or gain in weight

it provides the user with a complete manual including diet, exercises, and breathing techniques ... for the user to achieve his or her dream physique.

Another important facility that nutrigain gives is, it has different sets of exercises including the reps of each exercise from which the user can choose, we have linked these exercises

with the fiton AI which provides the right way for the user to perform that particular exercise.



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# PIXIE

A virtual interactive buddy



# PIXIE



Pixie is a virtual interactive buddy which is made for the sole purpose of motivating and cheering up the user.

The emotional, psychological and social well-being of an individual constitutes Mental Health, keeping this in mind we created pixie which gives motivational quotes ,soothing and happy tunes, artificial hug , and emotional support upon the request of the user.





# DADDY DOC

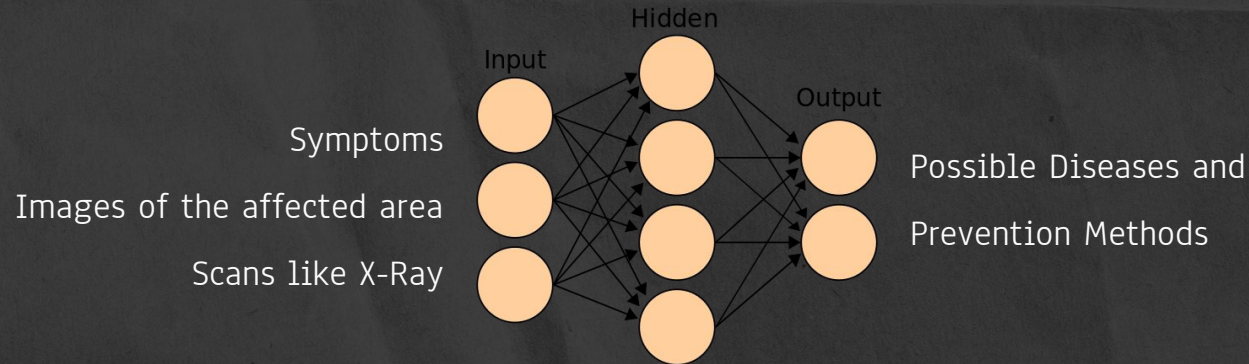
An A.I which is trained to narrow down  
and pin point possible diseases by  
taking inputs like symptoms and  
photos to help patient

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# DADDY DOC

we have developed a Deep learning model which can identify a range of diseases accurately based on the users' symptoms. this gives the user a warning as to what could have affected his/her health.



# Feasibility



**Can Be  
Accessed  
Anywhere in the  
world**



**Potable on  
Mobile**





# OUR MOTIVE



Our main motive is to give people an all-around website that deals with users' needs concerning their health, fitness, and well-being. And prove how technology can help and boost one's well being.



**TRUST**



**CONSISTENCY**



**QUALITY**





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THANK  
YOU

