

HACK-DE-SCIENCE

Team Name-XYZ

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Project name - Gamification for Health data
collection

About the project:-

- ▶ We aim to build a web app where user can sign-up and play games and view health insurance policies.
- ▶ We can collect basic information related to their health and age and accordingly health insurances will be displayed to them if they interested in buying one.
- ▶ We also aim to add a feature where few people can come and create a chat room and discuss any topic or regarding the type of health insurance they would like to buy .Discussion on the topics will help them overcome the fear of being cheated by the insurance company.
- ▶ Each user will have a profile page where his name,image and total score earned by him will be shown.
- ▶ If the user has maximum points among all other players, he will be tagged as the “**MOST VALUABLE PLAYER**”,which will be changed if the other user scores more points.

Our games include:-

- ▶ 1. The Quiz Game
- ▶ 2.The Bell game
- ▶ 3.The Sight game

USER LOGIN

Creates a profile where his/her
name, points earned in all
games played will be visible

GAME 1
THE AGE QUIZ

This game will determine
the age group of the
person

GAME 3


THE HEARING GAME
This game will tell you if
you are having any
hearing disability

GAME 2

THE SIGHT GAME
This game will tell if you
are suffering from color-
blindness or not

The user can also make
room and chat with their
friends and play games


THE BELL GAME:-

- >This game is typically designed to test the hearing ability of the person.
 - >In this game a series of bell ring will be played and the person has to figure out the number of times the bell rang.
 - >With time and with the number of rounds, the speed of the bell will increase.
 - >If the person is able to guess it properly it means the person has perfect hearing ability.
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THE QUIZ GAME

- > We have arranged a series of questions for different generations.
- > These question has options in such way that only one option can be selected and the choice will be solely swayed by the generation gap
- > According to the response , we can make out from which generation a person belongs.
- > Accordingly ,we will show them the health insurance they can buy.
- > If a person is making undeterminable choices,his/her final result will be undetermined.

THE SIGHT GAME

- ▶ This game will tell us if you have color blindness or not.
 - ▶ A set of questions will be displayed and the user has to choose the correct option among the four given options.
 - ▶ This is like a quiz where the user will have to guess the number or character shown in the picture.
 - ▶ The score will be evaluated at the last.
 - ▶ The time taken for the test be also evaluated.
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TECH STACKS USED:-

1. ReactJs – for Frontend
2. NodeJs – for Backend
3. MongoDB – for data storage
 - 1). storage of insurance policies
 - 2). details of the user and the entire points earned by user.