JANA RAKSHAN

THEME OF THE PROPOSAL

The main objective of the project is to provide the complete protection to the users from Covid—19.

In this proposal , we are focusing to elevate the awareness on social distancing , mask wearing ,self protection methods ,suggestions and tele medicine services.

BRIEF DESCRIPTION

The important functions of the android application is

1. Mask Verification

2. Providing e – Commerce Platform to buy best quality Covid products.

3. Sending social distancing violation alerts to user.

4. Suggesting the "SAFE PATH" to user.

5. Travelling Hisory

6. Accurate hospital information and possible to register bed

Mask Verification

➢ When where the user came out from the house[By tracing the loaction] Our "APP" will send the notifications to the users till to wear the mask and after wearing the mask he need to show front camera for the verification .

➢ After this , our "APP" will displays the "ACCETANCE" percentage to the user based on the position of the mask on the face. It helps the user to protect himself.

➢ In this , we are also providing the link to buying the best quality "Covid-19" products to user.

➢ By this feature , We suggest the quality to the users and chance for the marketing

Social Distance Violation

➢ Let's us consider bus stand as example, we seen lot of people will gathered during stepping in &out from the bus.

At that time ,when people comes closer to each other and having a distance less than 2 meters[as per requirement]. Our "APP" will trace the signals and send the alert messages to the people[mobile owners]for twice .By this alert messages people will maintain some distance.

In case the people[mobile owner] will ignore this alert message for twice , by using his data we will insert a "penalty" as 500-/- rupees [according to effect of virus in that area] . If people[mobile owner] will ignore that message also a "police man" will approach the person and collect t he money.

➤   Here the user have a chance to find the "SAFE ROUTE" through the "APP" by entering the source and destination details .

    Based on the given information, and number of "Covid" cases our "APP" will fetch the google maps and suggest the safe path to the user.

➤ In this ,there is chance for the user to get "Travelling History"

    We are also providing the information like how many number of covid patients we meet during his journey , by analysing ,how many number of covid patients he meet , we will predict the "Chance of Effect" on the user.

    It helps user to understand his condition

Bed Registration & Health Analysis

This is the key feature of the "APP", by verify the chance of effect on the user , based on the condition he can search the near hospital details along with bed availability.

If he required , he can register a bed in near hospital .

It helps the user to avoid confusion and last minute rush while joining the hospital .

Process Flow: After installation of the APP this is the first page

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Then it will re-direct to another page

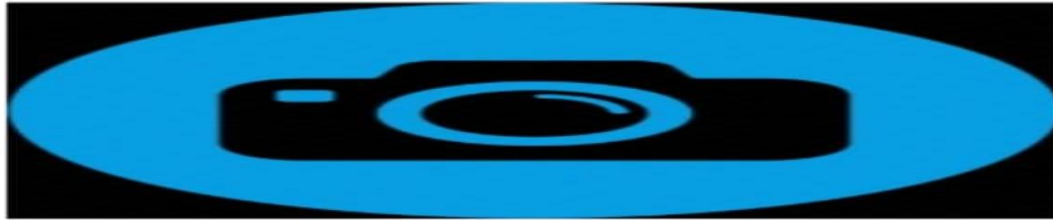This is the second page it includes some rules and regulations

If you agree the rules and regulations ,click on the box then it will redirect to third page
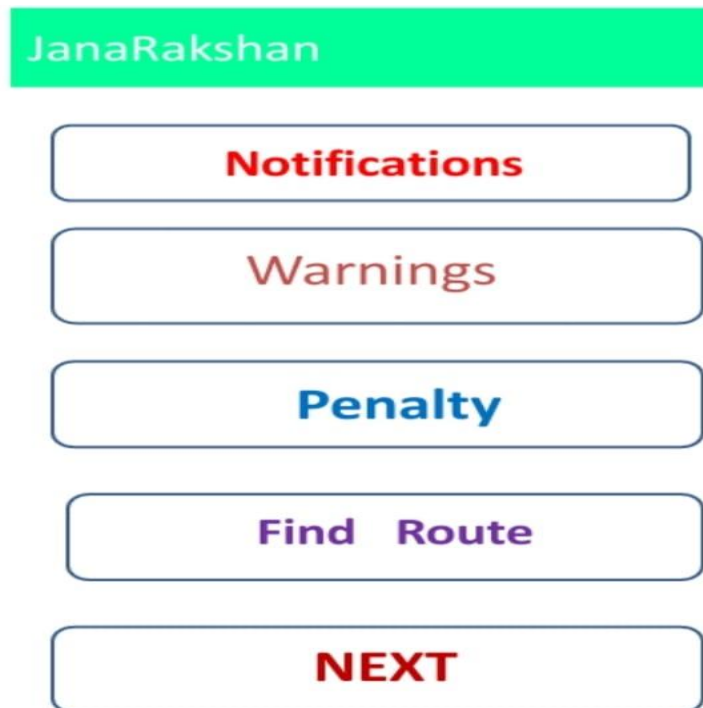
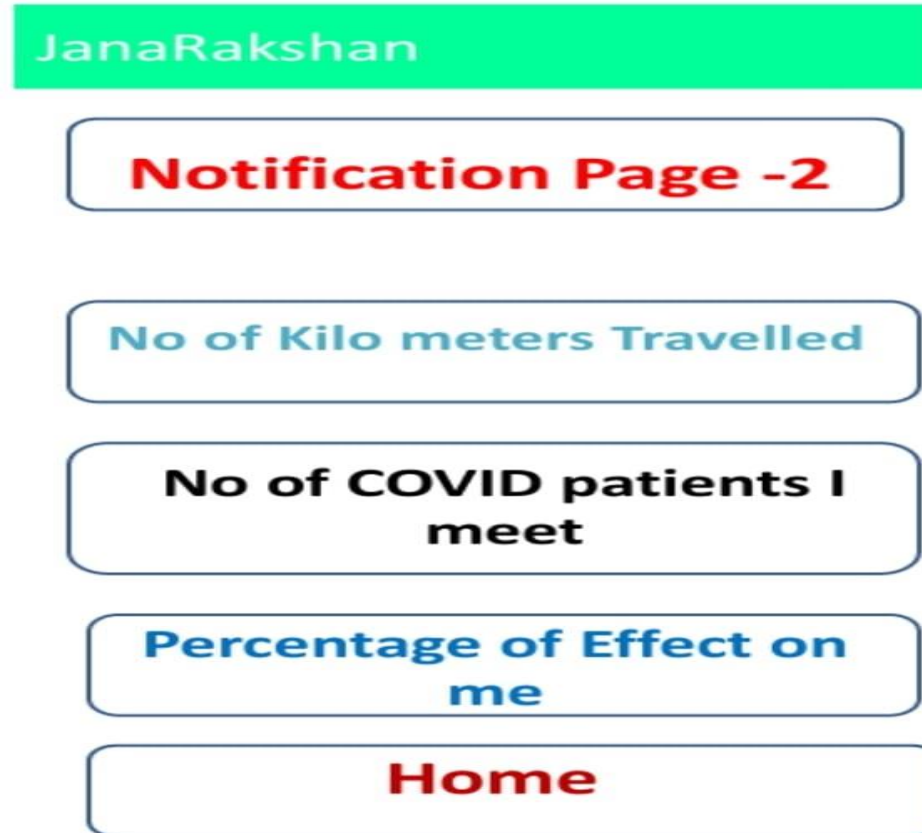This is the "Mask Verification" Page along

Here some options are available for user , if he can click on required option

This is the notification page , according to user requirement he can click on the options

- By click on the "Next" tab ,it will redirect to the next page

Here , some more features are providing to the users

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Notification Page -2

No of Kilo meters Travelled

No of COVID patients I meet

Percentage of Effect on me

Home

By click on the "HOME" tab , it will redirect to homepage

In this page we analyze the health condition of the user.

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Analysis Page

Enter Percentage Of Effect
_____ %

Suggestions

Tele Medicine

Next

This page , we are providing "Tele-medicine" services

In this page , user need to enter some details for register a bed

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Register for Hospital

Enter Other Diseases

Blood Pressure
level_____

Enter Sugar level_____

Click for Register

Click here to register a bed

Here all the hospital details will be displayed here

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Hospital Details

GGH Hospital

ICU Beds--0	Normal Beds--23
Beds With O2---16	Ventilators---15
9438108181	Navigation

NEXT

Exist

By click on the hospital name to register a bed

Software Requirement

1. Android Studio
2. HTML
3. XML

We used the above programming languages to Implementation of this application.

Actually , we are implemented only 50% of the application due to time concern , we need some more time to build this application .

Advantages

- It detects the mask position

- It alerts the social distance violation

- It suggest the "SAFE PATH" to the user

- It detects the number of "Covid−19" patients passed around you during the journey .

- It provides the accurate hospital information like bed availability and location etc

- It help's the user to register for beds before going to hospital and avoid's last minute "RUSH"

Features

➢ Based on the percentage of effect ,We will suggest some precautions and remedies to user.

➢ It helps the user to buy original and quality covid products .

➢ It provides "Tele Medicine" services to the users.

Finally , the "APP" gives the complete protection to the user from Covid-19 and also helps us to bring the awareness of self protection methods in user

THANK YOU

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Online Purchase

https://www.housebeautiful.com/shopping/g32428093/where-to-buy-face-masks-online

HOME

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Notifications

Warnings

Penalty

Find   Route

NEXT

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Warning Page

Warnings--- **2**

Go to Notification page

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Penalty Page

Penalty Amount
500 -/-

Amount Paid
0 -/ -

Go to Notification Page

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Safe Route

Enter Source

Enter Destination

Click Here to find the Way

Go to Notification Page

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Notification Page -2

No of Kilo meters Travelled

No of COVID patients I meet

Percentage of Effect on me

Home

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Notification Page -2

Kilo meters -- 167

COVID patients --20

**Percentage of Effect
50 %**

Home

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Analysis Page

Enter Percentage Of Effect

_____ %

Suggestions

Tele Medicine

Next

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Register for Hospital

Enter Other Diseases

Blood Pressure level_____

Enter Sugar level_____

Click for Register

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Hospital Details

GGH Hospital

ICU Beds--0	Normal Beds--23
Beds With O2---16	Ventilators---15
9438108181	Navigation

NEXT

Exist