

Survey App

Problem Statement

Create a survey app with the following requirements :

- Technologies to be used :
 - Expressjs
 - Nodejs
 - Mongodb : use any mongodb or mongoose module
 - Html, css
 - Js
 - Try to use the MVC design pattern.
- The site should be responsive
- Any task of sending file to the client browser should be done by expressjs
- The survey app should contain input fields for name and email id without entering which the form data should not be submitted and user should be made given an alert.
- In the Survey app at least 5 multiple choice single answer questions should be present with at least 3 options for every question, For different questions the number of options can vary.
- All the questions should be dynamically rendered, you can create a separate js file containing array of questions with answers.

Name

Press F11 to exit full screen

Please enter your full name here.

Email address

user_name@domain_name.com

What is your favorite color?

☐ Red

☐ Blue

☐ Green

☐ Yellow

How often do you exercise?

☐ Every day

☐ Several times a week

☐ Once a week

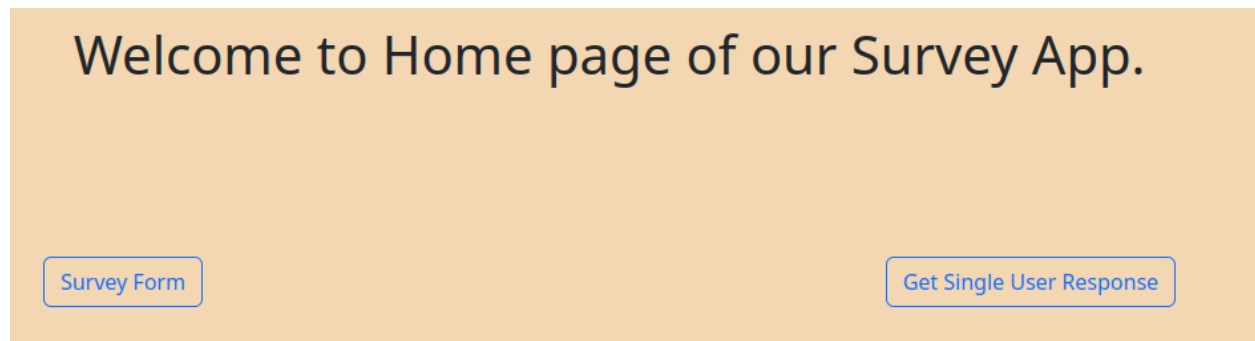
☐ Twice a month

☐ Rarely or never

- The survey app should pages for
 - Introduction about the survey app (say '/' route)
 - The actual survey page which contains questions.
 - An after survey page

- A survey outcome page where you should display what is the frequency of an option of a question to be chosen and/or what % of people choose it.
- It should have a page for displaying responses of a single user on providing the respective email address.
- It should have a delete page to delete the data of the user based on the email address.

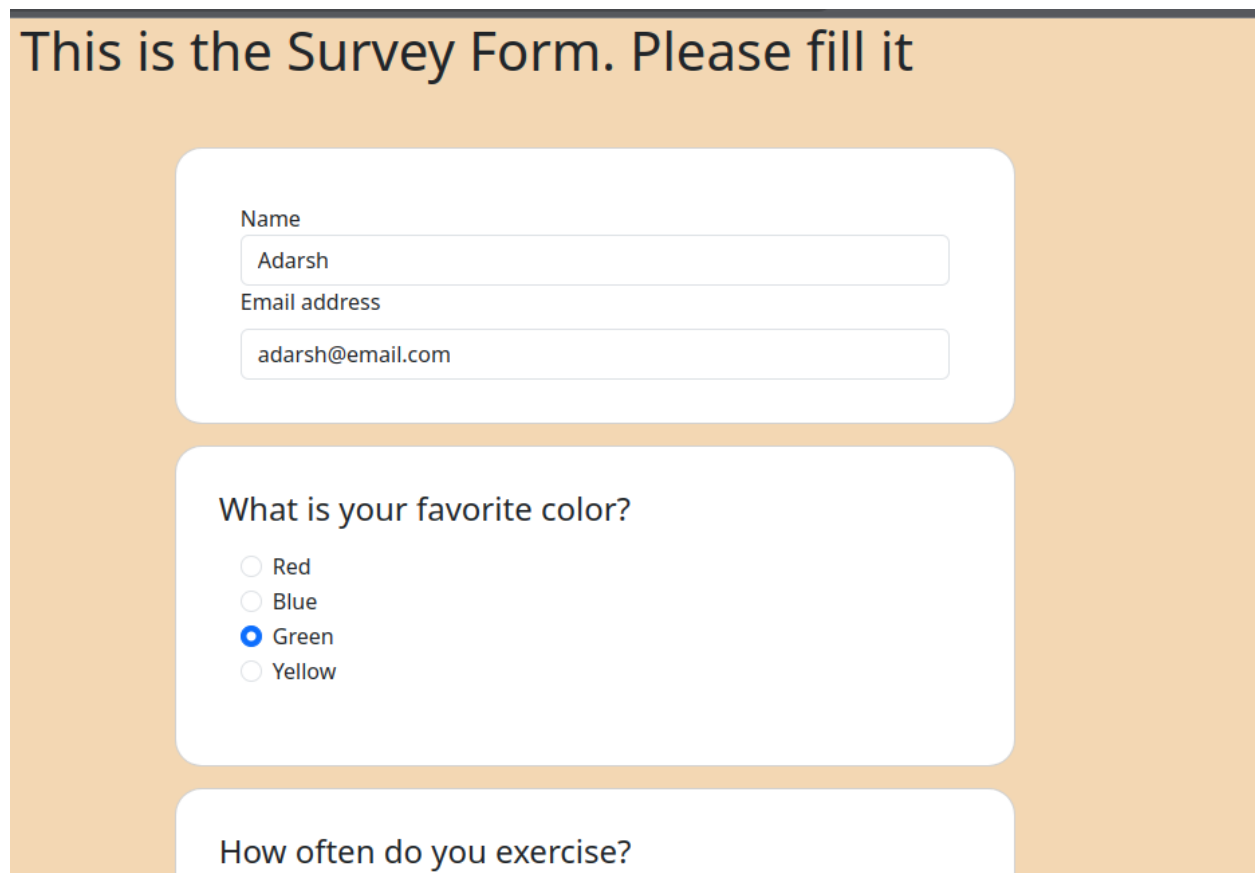
The home page :



Welcome to Home page of our Survey App.

[Survey Form](#) [Get Single User Response](#)

The survey page :



This is the Survey Form. Please fill it

Name
Adarsh

Email address
adarsh@email.com

What is your favorite color?

☐ Red
☐ Blue
☒ Green
☐ Yellow

How often do you exercise?

If name field &/or email field remains empty it should show error message & alert to the user :

localhost:3000 says

Please provide some name in the name field

OK

How f

☐ Mu

☐ Once a week

☐ Rarely

☐ Never]

Name

Adarsh

Email address

user_name@domain_name.com

Please enter a valid email address.

What is your favorite color?

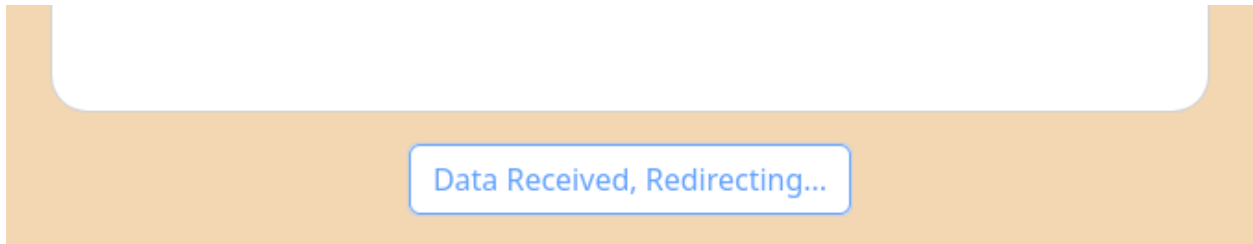
☐ Red

☐ Blue

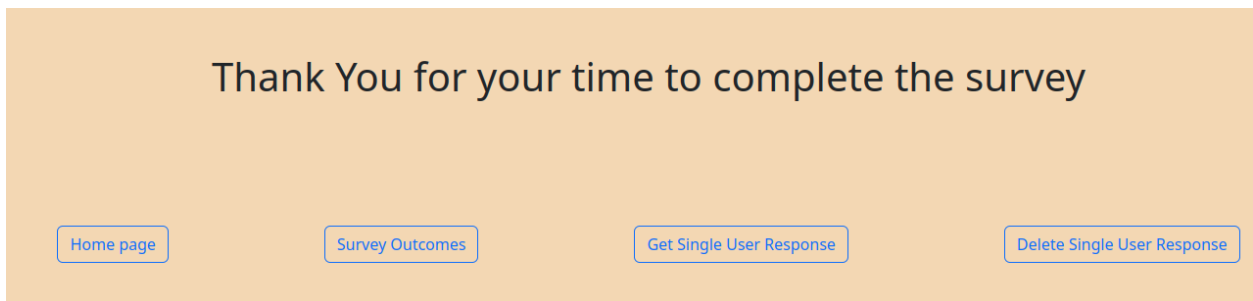
☒ Green

☐ Yellow

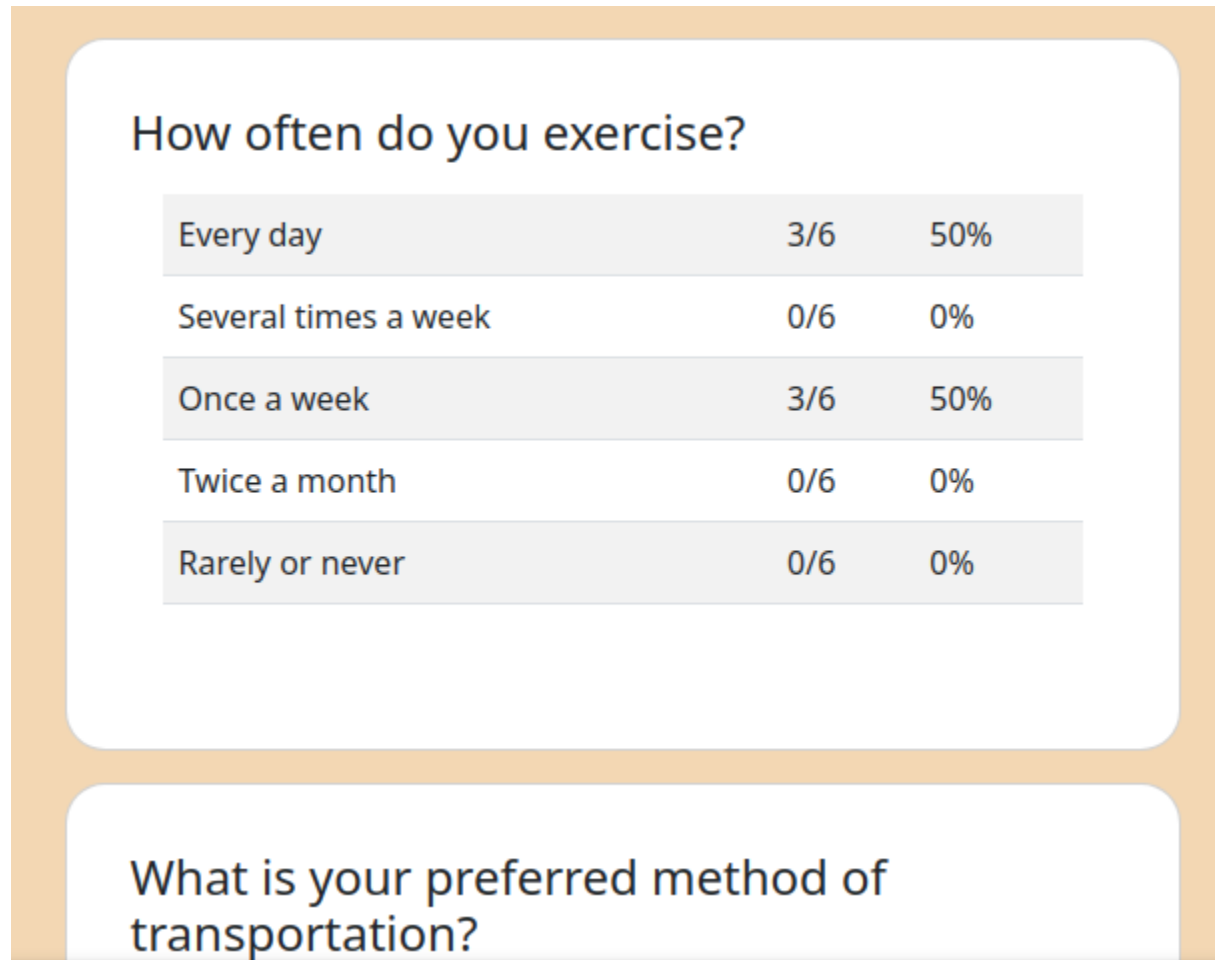
On clicking the Submit button the data should be added to the mongodb, and the user should be redirected to the after survey page after some time interval. After clicking the submit button if everything is good then the submit button changes to something like the image below, i.e., it is disabled and the user is also made aware that it is redirecting to a different page.



After Survey page



The shoe Outcome page should show data like :



The get data for single user page should ask for email id first and fetch the responses of the user from backend and should show data like :

To get the data of a particular user provide the email address below

Email address

What is your favorite color?

Green

For not answered questions it should show them as not answered
This page should also have form validation for email

The delete page should ask user about the email and then delete the data

To **delete** the data of a particular user provide the email address below

Email address

adarsh@email.com

Submit

Delete Success

The Survey Data related to the requested email id has been deleted

You are free to use your creative genius to design the application in an entirely different way but it should have at least this much functionality, you can add more functionality based upon your interest.