The following usability tests are design to test frontend user stories. The test is divided into to part. The expected outcomes are that the user should perform the list of tasks with minimum help from tester and fill the survey.

1. Visit our website: <http://localhost:3000>
2. Find out what the website does
3. Tell a member’s name in the frontend dev team
4. Find out what the button ‘restart’ does
5. Start Chatting with Dr Avocado
6. Filling your general information
7. Assume you have a fever
8. Tell the disease you're most likely to get
9. Repeat step 8 until you get the result
10. Restart the chat

After the tasks are completed, a System Usability Scale (SUS) survey is undertaken to determine the system's overall acceptability criterion. It provides a reliable technique for assessing usability and enables for the evaluation of a wide range of hardware, software, mobile devices, websites, and apps as an industry standard for usability assessment.

Regarding to above tasks, users need to rate following survey questions from 1(strongly disagree) to 5(strongly agree):

1. I found that filling personal information into the from was efficient.
2. I thought I could find about page easily.
3. I thought I needed to get more help tips to use Dr Avocado.
4. I thought the steps to accomplish my tasks were clear and straightforward.
5. I found there was too much inconsistency in Dr Avocado.
6. I thought the design of Dr Avocado is aesthetic.
7. I thought I would like to use Dr Avocado the future.
8. I found Dr Avocado is very cumbersome to use.

The feedback scores are listed as the following table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | User1 | User2 | User3 | User4 | User5 |
| Q1 |  |  |  |  |  |
| Q2 |  |  |  |  |  |
| Q3 |  |  |  |  |  |
| Q4 |  |  |  |  |  |
| Q5 |  |  |  |  |  |
| Q6 |  |  |  |  |  |
| Q7 |  |  |  |  |  |
| Q8 |  |  |  |  |  |
| Translated Overall score |  |  |  |  |  |

According to studies, a SUS score of 68 or more is regarded above average. The results reveal that the user-focused non-functional user stories have a high usability acceptability score. We modified the survey by adding a follow-up 3-question questionnaire to check the acceptability test of the user stories:

1. How do you feel about the Dr Avocado? (For both advantages and disadvantages)
2. Does Dr Avocado always stay responsive during the tasks? If so, what are your thoughts on reaction time? If not, how long do you think you'll have to wait?
3. Have you ever made a mistake on a task? Does the system offer you clear information about the errors if the programme isn't running?

User1:

|  |  |
| --- | --- |
| Q1 |  |
| Q2 |  |
| Q3 |  |

User2:

|  |  |
| --- | --- |
| Q1 |  |
| Q2 |  |
| Q3 |  |

User3:

|  |  |
| --- | --- |
| Q1 |  |
| Q2 |  |
| Q3 |  |

User4:

|  |  |
| --- | --- |
| Q1 |  |
| Q2 |  |
| Q3 |  |

User5:

|  |  |
| --- | --- |
| Q1 |  |
| Q2 |  |
| Q3 |  |