

<b>GROUP MEMBERS</b>	Shreya Shetty (2019140059) Manan Savla (2019140055) Akshay Tarde (2018130055)
<b>BATCH</b>	B
<b>COURSE CODE</b>	OECS5
<b>EXPERIMENT NO.</b>	10
<b>NAME OF THE EXPERIMENT</b>	Juvenile diabetic children in India

### ***Aim:***

Design UI for analysis of the number of children suffering from juvenile diabetic children in India. The design aims at providing solutions for improving quality treatment and making the treatment affordable

### ***Theory:***

1. Analysis of behavior of people in that domain eg their preferences, interests etc.

Children in this domain are suffering from juvenile diabetic disease. Juvenile diabetes also called Type 1 diabetes or insulin-dependent diabetes is a disorder, commonly diagnosed in children, that disturbs the body's immune system. Juvenile diabetes occurs when the body's Beta cells which produce Insulin are destroyed. So the people in this domain prefer a UI which is easy to understand which gives them detailed information about this disease and also it should give the information about the proper treatment of this disease. Basically the app should be self explanatory.

2. What kind of interfaces will they like and why?

They like the interface which is well organized and labeled. They want an interface which is easy to understand and easy to use. They like the interface where they can get detailed information about the juvenile disease treatment easily and where they can find consultant doctors contact details and book their appointment with them without any delay.

3. Existing apps - analyse (Good elements/UI and Bad elements/UI) and rate them

Existing apps do not have features like doctor appointments and their contact details. The existing apps Ui is simple. The existing apps are not information and they are not localized. The existing apps are only available in the English language.

4. What will be your choice of screen elements? Write down your own Design Goals which you want to furnish while making the website.

We will make the app simple and easy to understand. We plan to add the feature of contacting and fix the appointment with the doctor and also calculate the daily and monthly insulin reports of the kid by keeping account of daily food intakes of the child

### ***Procedure:***

1. Research about the problem statement i.e. App for Juvenile diabetic children in India
2. Open a new file and create a mobile frame
3. Decide the color scheme and font for the design
4. Decide the number of pages to be designed
5. Design the navigation bar and the footer and once done, convert them into a component
6. Make a basic wireframe for all the web pages and add the components navbar and footer on all pages
7. Designing individual components for every web page and add images wherever required related to the problem statement and check the alignment of components
8. Add interactions on button and flowing connections on all the pages wherever required
9. After prototyping, preview the design and fix if any uniformity errors or alignment issues

### ***Implementation:***

Figma URL:

<https://www.figma.com/proto/JXpoOZuunSCGBf36A6gzml/Exp-10---Juvenile-Diabetic?node-id=1%3A2&scaling=min-zoom&page-id=0%3A1>



## DiabetesCheck



Hi, Aayushi!



View Analysis



Consult Doc



Test Reports



Add  
Food Intake

KNOW MORE ABOUT US

## SIGN UP

Enter your full name

Enter your email address

Enter your preferred password

☐ Agree to the companies [terms and services](#).

SIGN UP →

Already got an account then [Login](#).

## LOGIN

Enter your email address

Enter your preferred password

LOGIN →

Don't have an account then [signUp](#).

## Today's Breakfast

What did you have for dinner today?

Milk 300ml

Paratha + | 1 | -

Sandwich + | 1 | -

Next

## Today's Lunch

What did you have for dinner today?

Roti + | 1 | -

Sabzi + | 1 | -

Chocolate + | 1 | -

Next



## Today's Dinner

What did you have for dinner today?

Dal + 1 -

Rice + 1 -

Chocolate + 1 -

Calculate the statistics



## Today's Food Statistics

### Food Statistics

182 mg/dL glucose  
6 units insulin  
36 carbohydrates

Go Back



## View Analysis

Blood sugar level for this week



Your blood sugar levels have been rising!

CONSULT DOC



## Test Reports

### A1C Test

Value	Expected
7%	<6.5%

### Fasting Blood Sugar Test

Value	Expected
131 mg/dL	<126 mg/dL

### Glucose Tolerance Test

Value	Expected
205 mg/dL	<200 mg/dL

CONSULT DOC



## Consult a Doc



Dr. Manan  
MBBS

Get appointment



Dr. Manan  
MD

Get appointment



Dr. Manan  
MBBS

Get appointment



## Consult a Doc



Dr. Manan

### About the Doctor

Dr Frederick is the top most Diabetologist in Bombay hospital . He achieved wonderful contribution He is available for private consultation

Working Time  
10:00 am to 9:00 pm

Book  
Appointment

Chat



## Consult a Doc



Dr. Manan

Date: 2nd Dec, 2022  
Time: 10:30am  
Clinic Address:  
Madhu Kunj,  
Andheri

BOOK



Dr. Manan  
MBBS

Hi

Hi doctor, my child's  
test reports have come  
can u pls review those

I will schedule an  
online meet

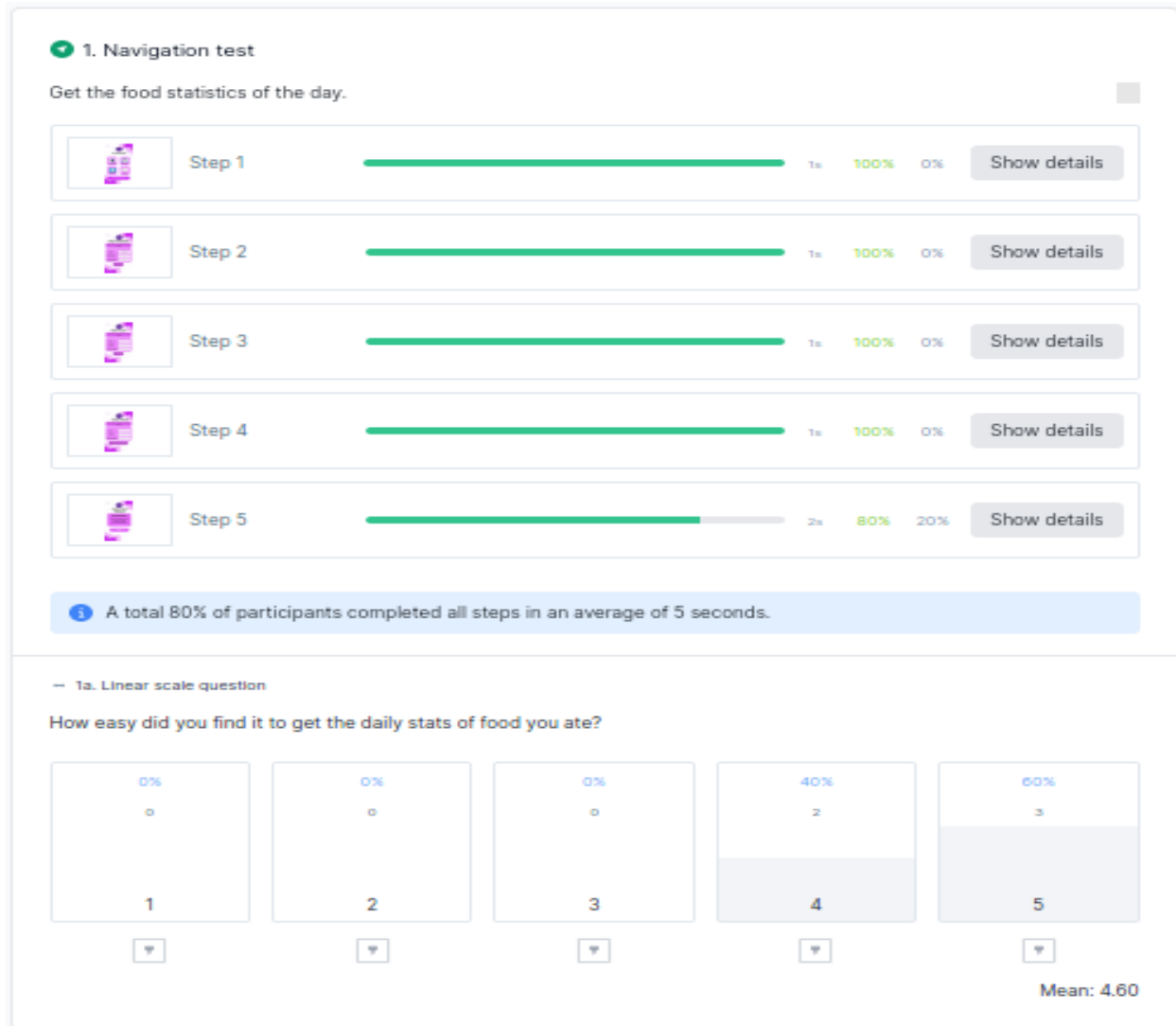
Is tomorrow fine?

Type something...



## Observations:

### Navigation Test:



## Conclusion:

We successfully designed to easily convey solutions for improving quality treatment and making the treatment affordable for juvenile diabetic children in India.