

E-COMMERCE WEBSITE FOR VISUALLY IMPAIRED

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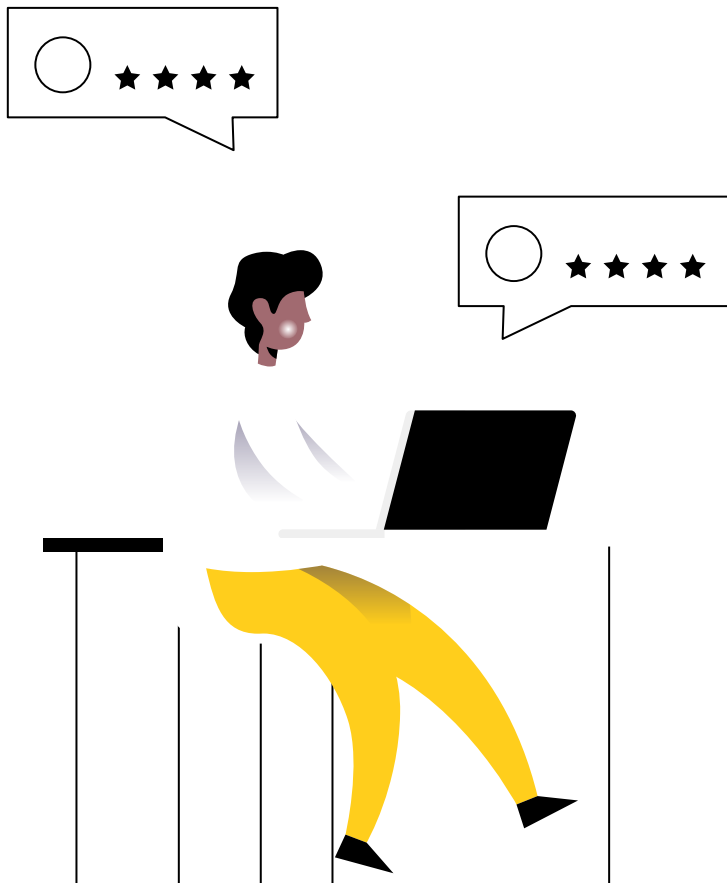
05. TESTING

Testing week by week

01.

ABOUT THE PROJECT

ShopSense





**“Shop without
limit.
See with your
heart”**





ABOUT SHOPSENSE



In today's digital age, e-commerce has revolutionized the way we shop, offering convenience and variety at our fingertips. However, a significant portion of the population, namely the visually impaired community, faces unique challenges in accessing and navigating online shopping platforms.

This presentation focuses on the need for inclusive e-commerce and the role of Shopsense in addressing these challenges. As we delve into the world of visually impaired shoppers, we'll explore how Shopsense innovative approach is reshaping the online shopping landscape to ensure equal access and an enriched shopping experience for all.

GOALS

- > To empower individuals with disabilities .
- >An opportunity to use our platform independently.
- >Prioritize privacy by offering a secure and private environment.
- >Make purchases without the need of assistance from others





02. DESIGN

WIREFRAMES

READ MORE

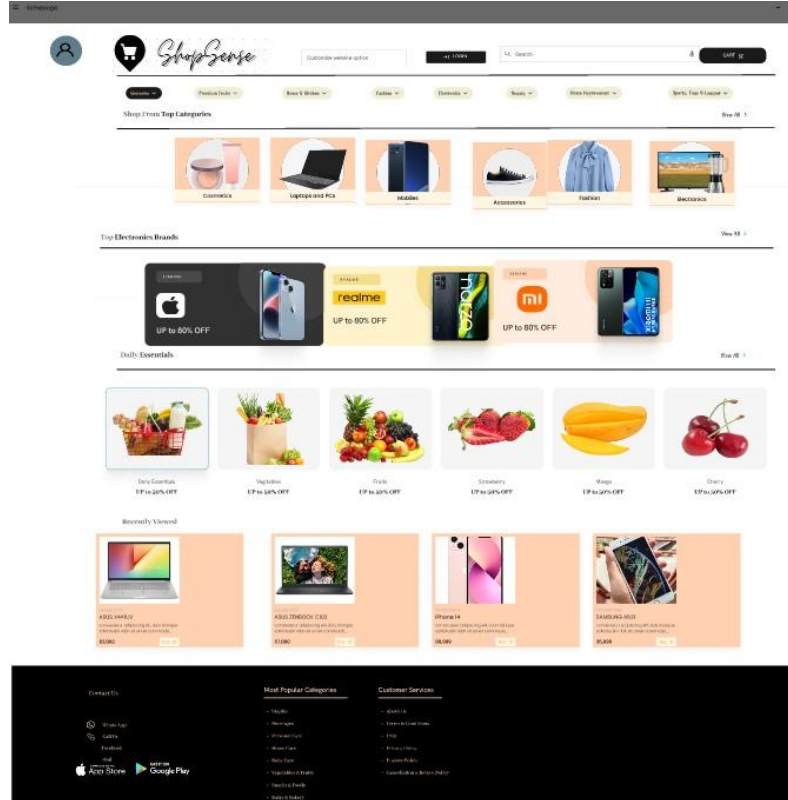
**SOFTWARE
ARCHITECTURE**

READ MORE



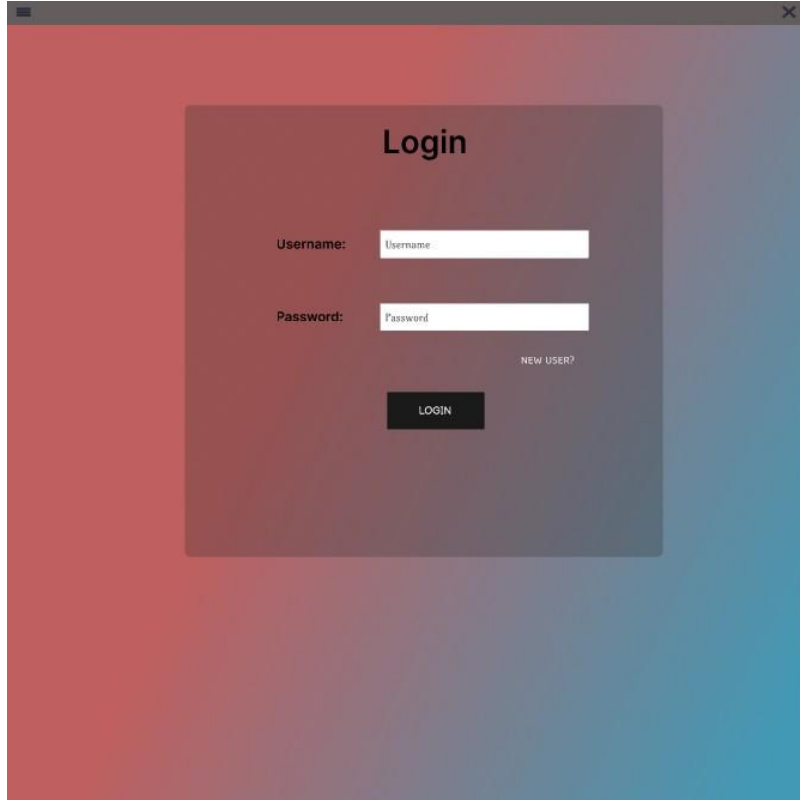
WIREFRAMES

1. Main page



WIREFRAMES

2.Login Page

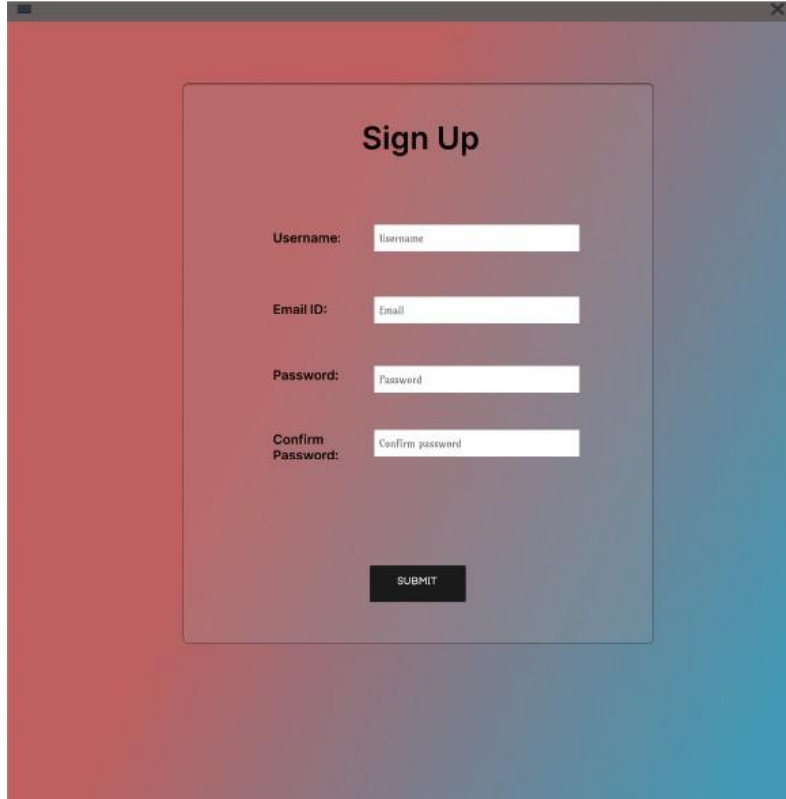


A wireframe of a login page. The page has a dark background with a gradient from red to blue. In the center, there is a light gray rectangular box containing the login form. The form has a title "Login" at the top. Below the title, there are two input fields: "Username:" and "Password:". The "Username:" field has a placeholder text "Username". The "Password:" field has a placeholder text "Password". Below the "Password:" field, there is a link "NEW USER?". At the bottom of the form, there is a black button with the text "LOGIN".



WIREFRAMES

3.SignUp Page



A wireframe of a Sign Up page. The page has a red-to-blue gradient background. A central white box contains the title "Sign Up" and four input fields: "Username", "Email ID", "Password", and "Confirm Password". A "SUBMIT" button is located at the bottom of the form.

Sign Up

Username:

Email ID:

Password:

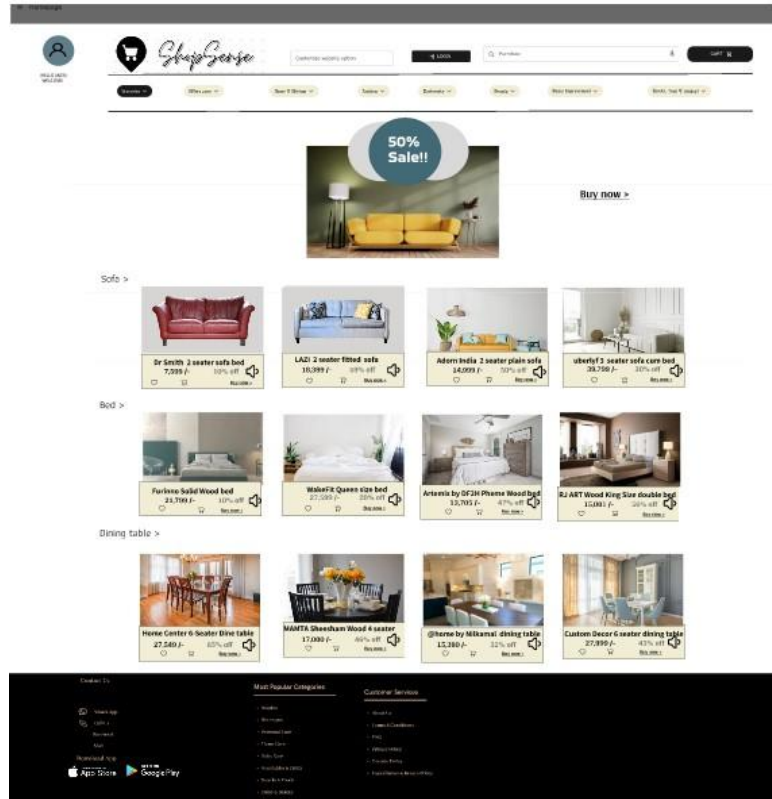
Confirm Password:

SUBMIT



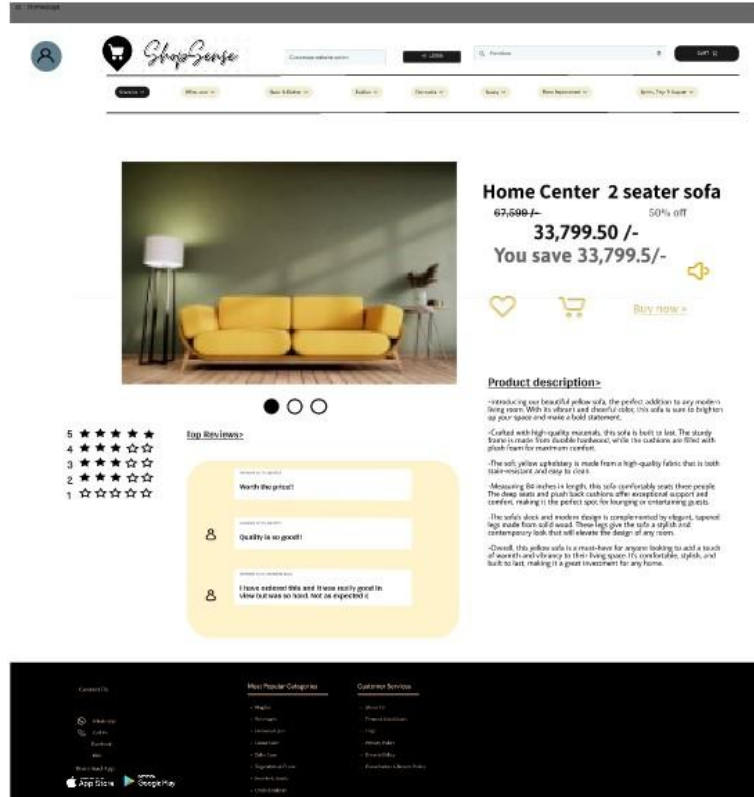
WIREFRAMES

4.Product Page

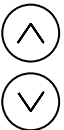
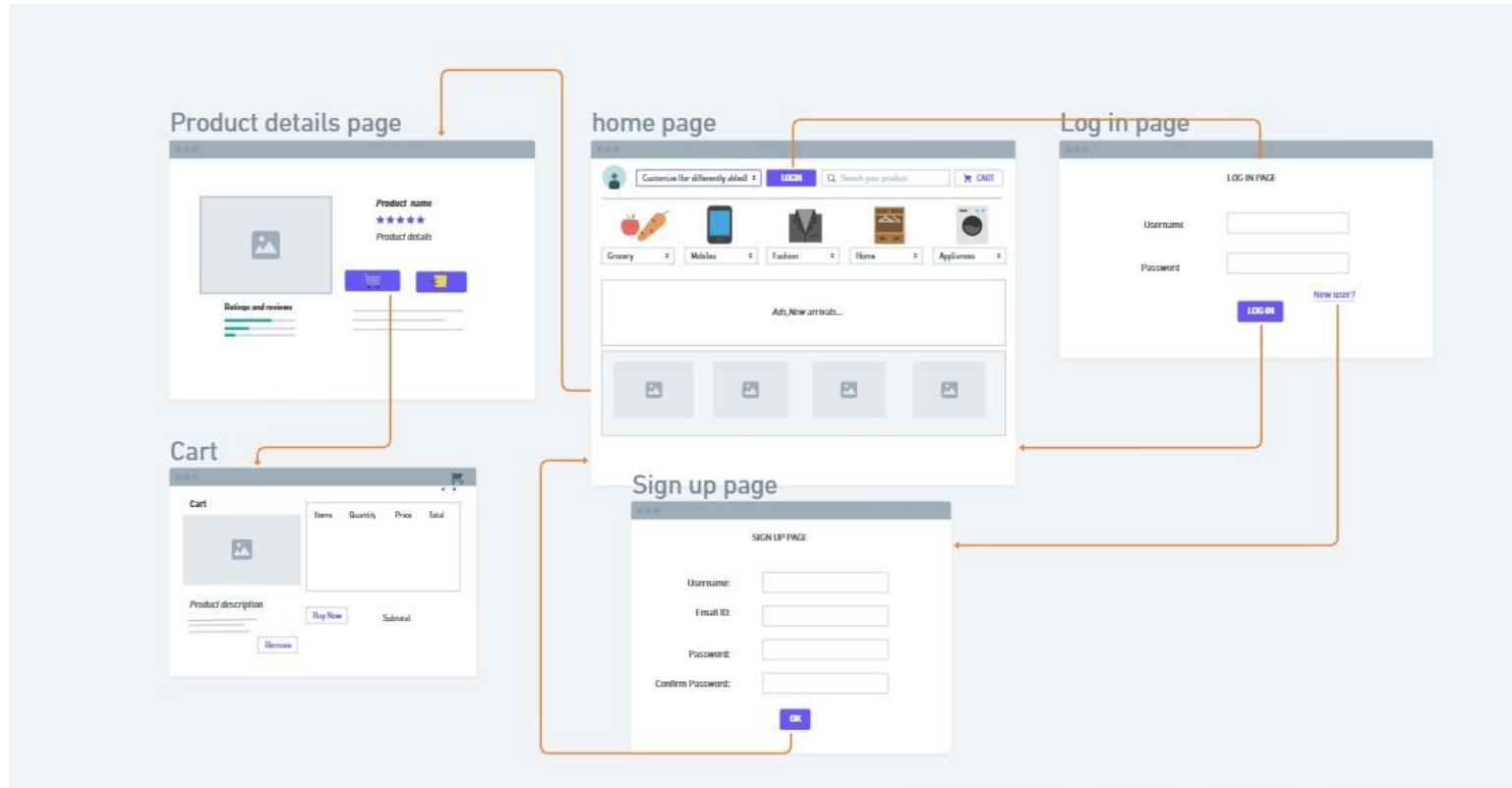


WIREFRAMES

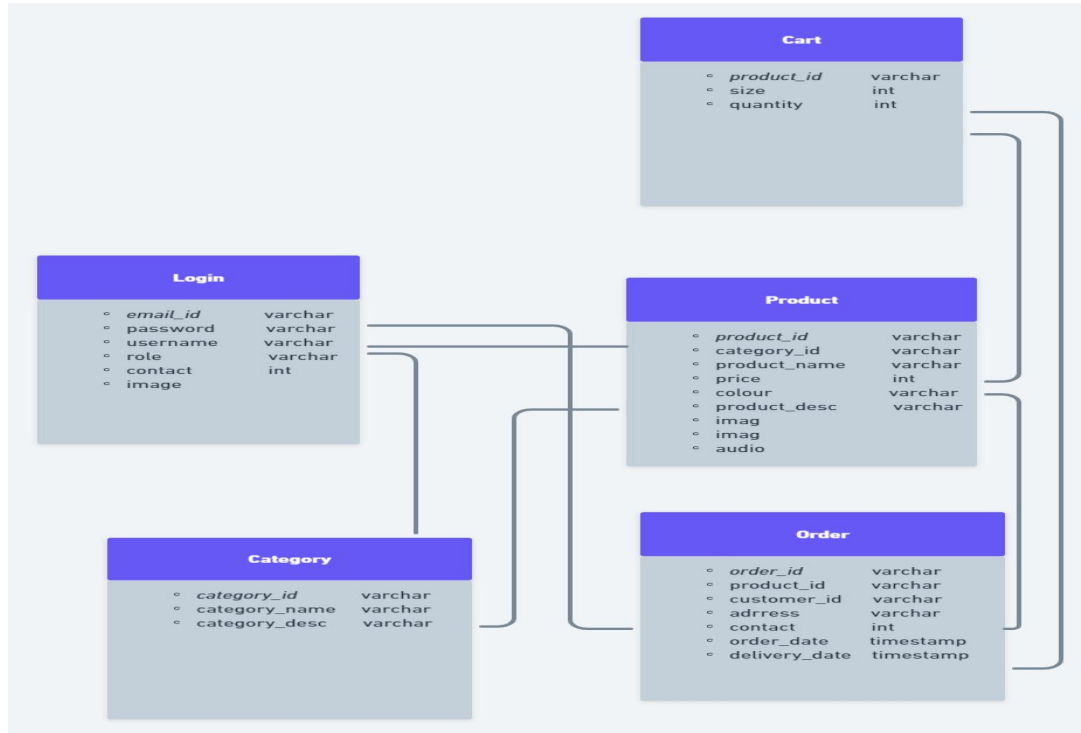
5.Details Page



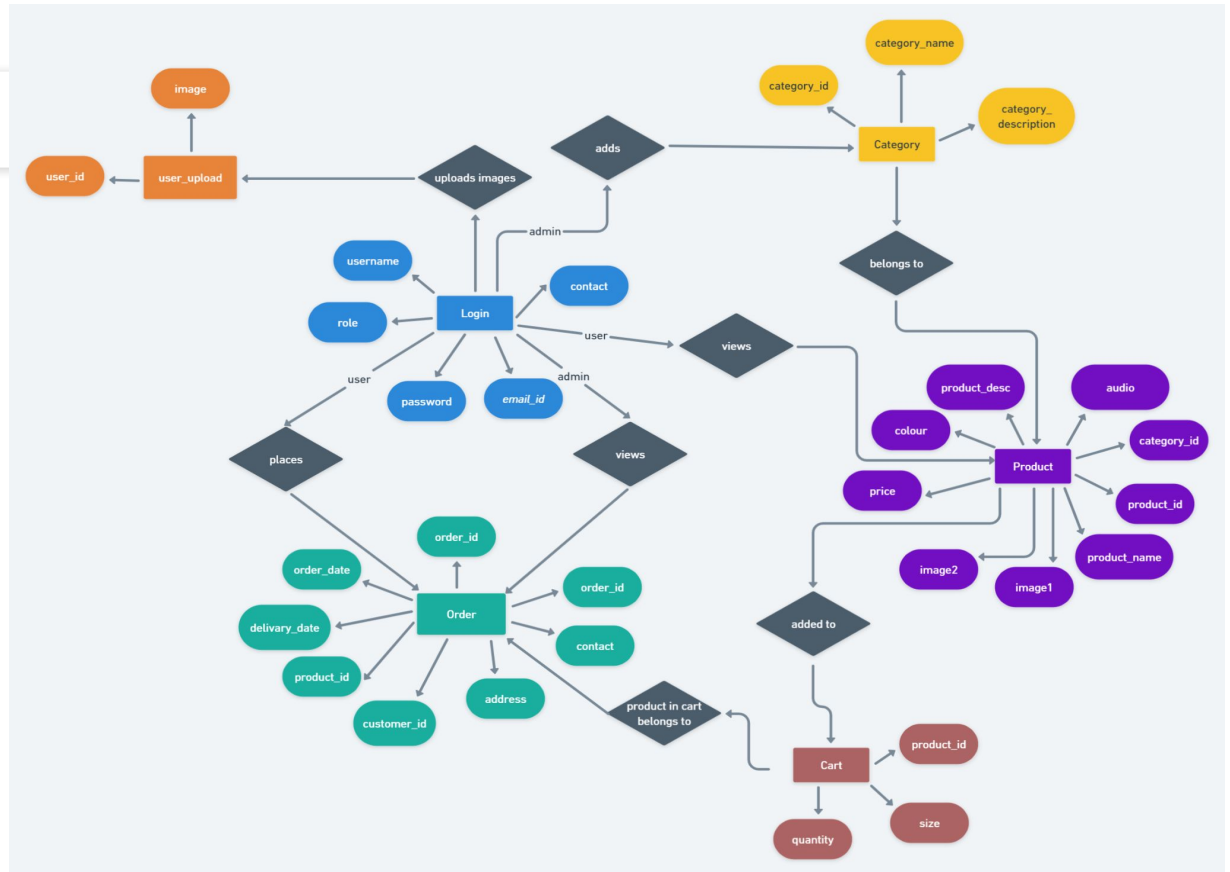
USER WORKFLOW



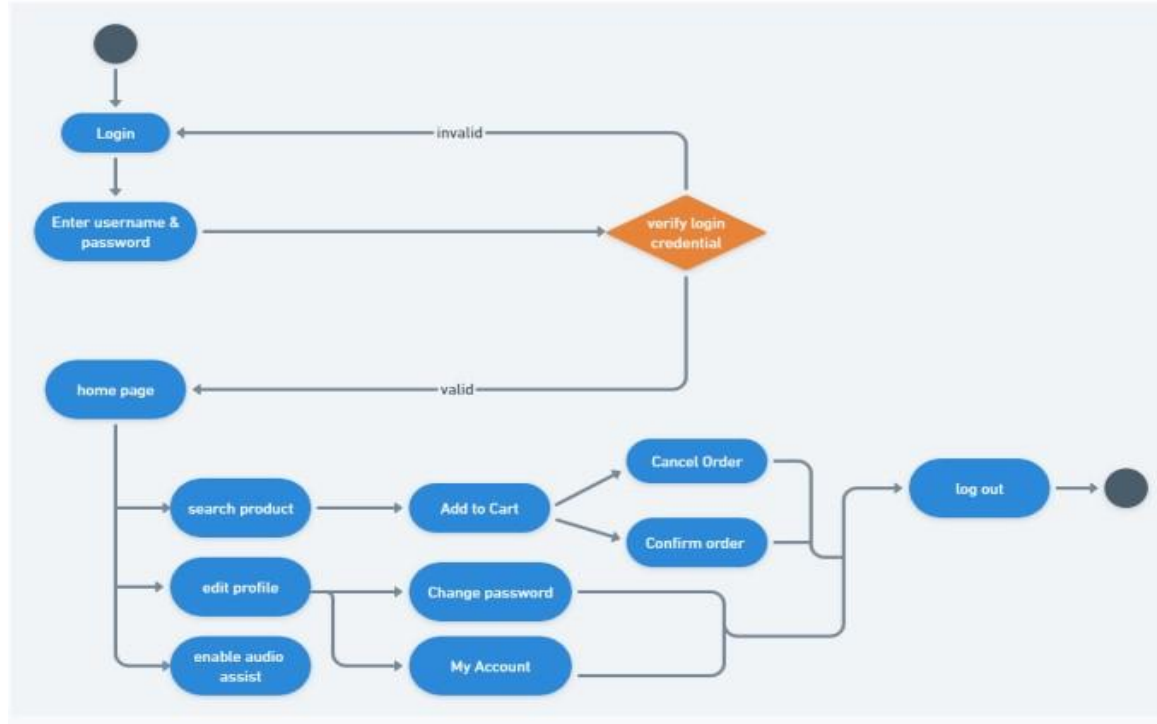
01.BLOCK DIAGRAM



02.ER DIAGRAM



03.ACTIVITY DIAGRAM



SOFTWARE ARCHITECTURE



Project is developed using **React.js** for the frontend and **Node.js** for the backend. We chose to implement **MERN** architecture which stands for:

M for **MongoDB**: Document Database

E for **Express(.js)**: Node.js web framework

R for **React(.js)**: Client side JavaScript framework

N for **Node(.js)**: Premier Javascript Web Server

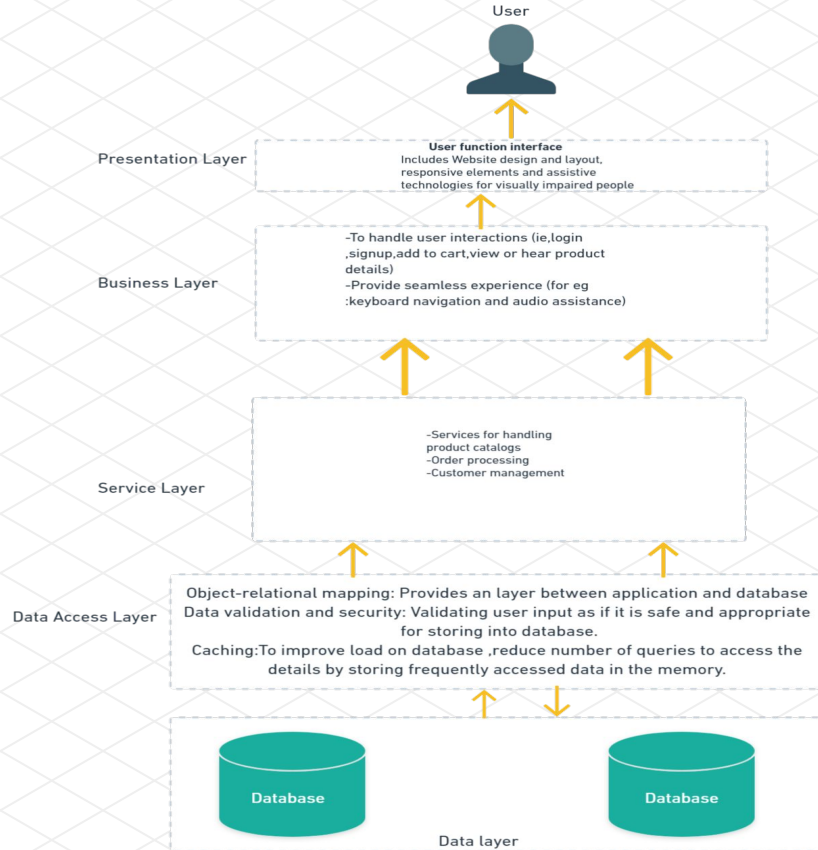


Despite MERN architecture, this project focuses to construct a 3 Tier architecture entirely using JavaScript and JSON



We use agile methodology SCRUM to ensure that the project is delivered on time and it meets need of end users.

SOFTWARE ARCHITECTURE DIAGRAM



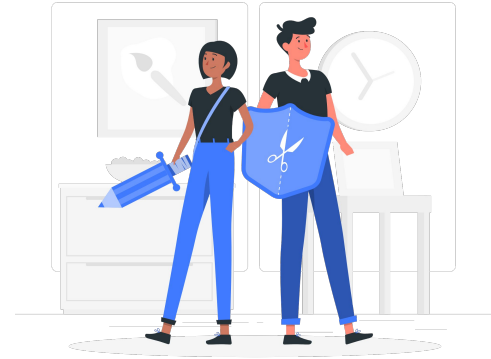
03.SHOPSENSE:FUNCTIONALITIES

- Log into the e-commerce site, create an account, and access the site's features.
- Audio assistance enabling option
- Browse through the products on the e-commerce site.
- Add desired products to the cart on the e-commerce site.
- Leave ratings and reviews on the products on the e-commerce site.
- Place order



JIRA BOARD

<https://abhinajith.atlassian.net/jira/software/projects/ECWFVIP/boards/1>
On the Jira Board,

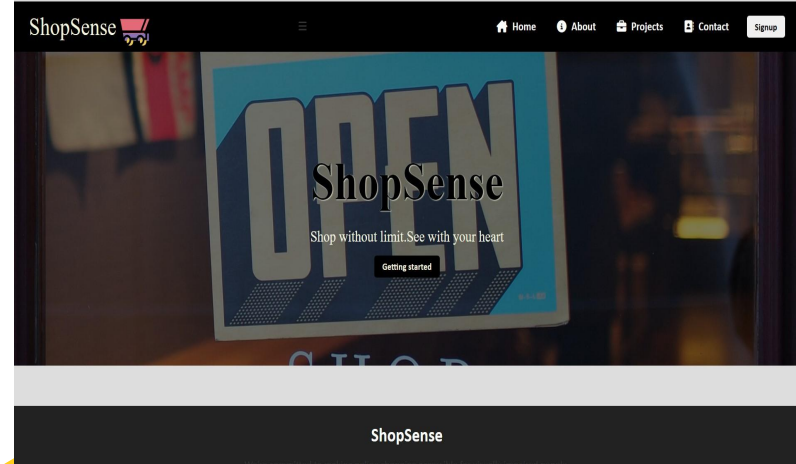




04.DEMO

Link of Hosted **ShopSense** Website:

<https://e-commerce-site-for-visually-impaired-people-7rqw.vercel.app/>

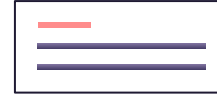


05.QA PLAN

ShopSense testing document link :

<https://docs.google.com/spreadsheets/d/10ldATtwO6cCXu8y8mYZTsllt0fmZMIbp4UumCHDzjaw/edit#gid=276818494>





THANKS!

Github code of **ShopSense** :
<https://github.com/abhin2002/e-commerce-site-for-visually-impaired-People>

