



IIIT SONEPAT

PRACTICUM 2 (csl-406)

(2020-24)

ClientConnect

P R E S E N T A T I O N

Under Guidance of: **Dr. Sourabh Jain**
(Assistant professor, Computer Science)

ClientConnect WebApp

INTRODUCTION

Department: Computer Science(CSE)

Member Details:

Name:

Satwik Pal

Naman Agarwal

Gunjan Ashok Bhanarkar

Roll No.

12011018

12011002

12011014

Table of Contents

- Objective and Features
- Tools and Softwares used
- Login and authentication
- Dashboard
- Multi-Client switching
- Other Features
- Future Features/Scope
- Limitations
- References



ClientConnect WebApp

OBJECTIVE: The "Client Connect" web app is an e-commerce platform designed to save consumers time looking for services or products across several websites.

Features

01

SECURE AUTH

OTP verification provides secure authentication.

03

MULTI CLIENT

Users can quickly go from being a consumer to being a provider and vice-versa

02

DEDICATED DASHBOARD

There is a dedicated dashboard for the user.

04

OTHERS

Manage your profile, keep track of your postings, chat with providers, and so on.

TOOLS AND SOFTWARE USED



Softwares

The Visual Studio Code editor is used for coding, programming, debugging, and testing the WebApp.



Frontend

The WebApp's frontend UI UX is designed using HTML, CSS, Javascript, EJS, Bootstrap, and other technologies.



Backend

For the backend and features/apis, NodeJS, Express.js, MongoDB, and numerous npm modules are utilised.



Others

Git and Github is used for version control, collaboration, Heroku will be used for deployment, google auth, twilio, socket.io, stripe payment integration etc.

01

SECURE AUTHENTICATION



01

Secure registration is possible with an email address and a password, implemented using JWT.



02

Google Oauth2.0 strategy is used to register user directly through his/her google account.



03

OTP verification for the provided phone number for verified accounts.

02 DEDICATED DASHBOARD

ONE PLACE FOR ALL

A centralised dashboard for tracking activity as both a customer and a supplier.

A separate provider-side dashboard for successfully managing the provider's postings and alerts.

A consumer-facing dashboard for tracking orders, making suggestions, and receiving notifications.

Users may effortlessly transition from client to provider/seller without having to log in or sign up again.



03 MULTI CLIENT SIDES



BE A CUSTOMER

Users may navigate to the consumer side to view all of the products and services available from various vendors.



BE A PROVIDER

Users who are service providers or sellers can switch to the provider side and add products/services to sell/provide.

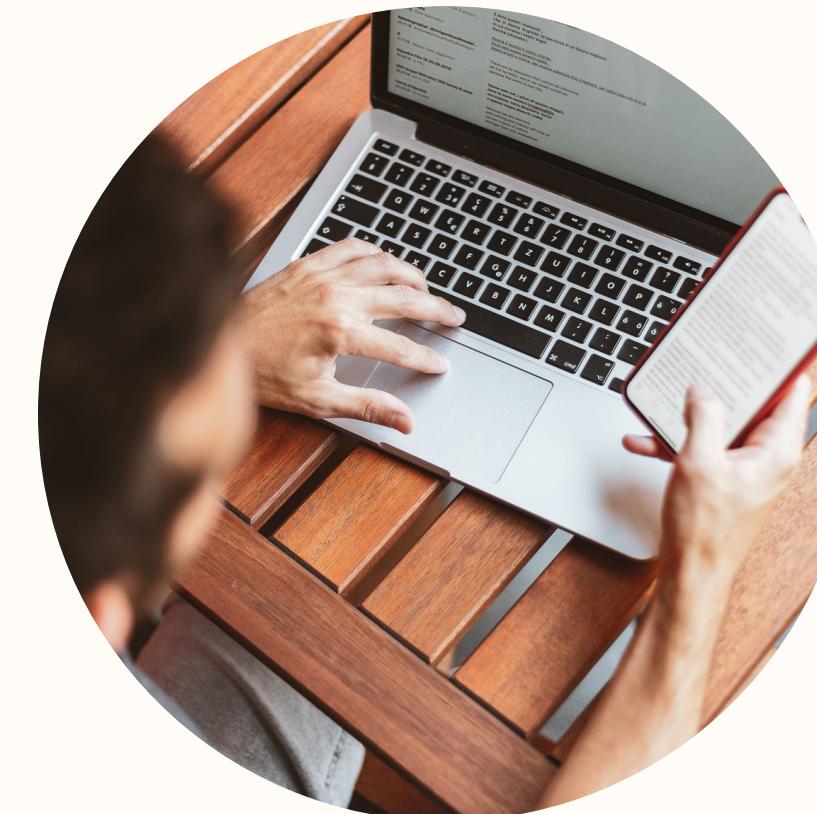
FEATURES TO BE ADDED

04



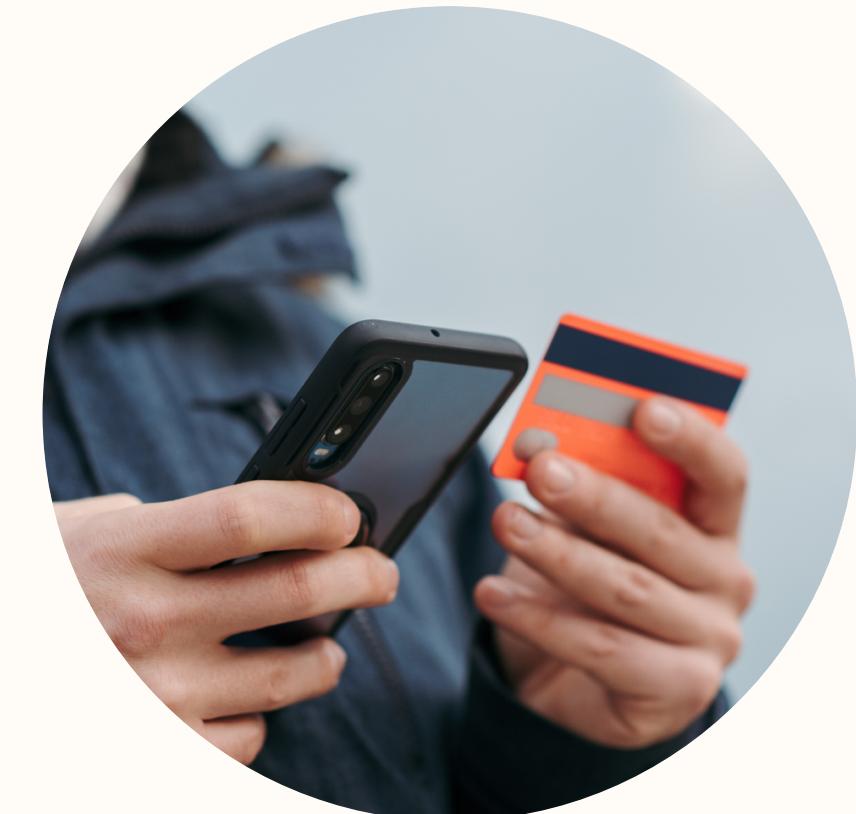
CHAT APPLICATION

Users can communicate with suppliers for any questions or agreements.



HELP BOT

Users may get self-help at any time by utilising the bot, which will virtually always answer all of their questions.



PAYMENT GATEWAY

Users can settle payments automatically using the webapp's integrated payment platform.

Limitation

- 1.** The website currently is not scalable.
- 2.** The free mongoDb database that is being utilised is limited.
- 3.** The app requires Internet access to function.
- 4.** All services/categories not yet available
- 5.** The web app's UI/UX isn't particularly appealing to users.
- 6.** A secure payment gateway and a chat app are not yet integrated.

References

- [1] <https://docs.github.com/en>
- [2] <https://git-scm.com/docs/git>
- [3] <https://www.mongodb.com/docs/>
- [4] <https://expressjs.com/en/starter/generator.html>
- [5] <https://nodejs.org/en/docs/>
- [6] <https://developer.mozilla.org/en-US/docs/Web/API/Document>
- [7] <https://pugjs.org/api/getting-started.html>
- [8] <https://expressjs.com/en/resources/middleware/multer.html>
- [9] <https://ejs.co/#docs>
- [10] <https://www.passportjs.org/packages/passport-google-oauth20/>

THANK YOU!

Presentations are communication tools that can be used as demonstrations, lectures, speeches, reports, and more. It is mostly presented before an audience. It serves a variety of purposes, making presentations powerful tools for convincing and teaching.

EMAIL

clientconnect842@gmail.com

WEBSITE

Yet to be hosted