

SUMMER INTERNSHIP PROJECT REPORT

REAL ESTATE BROKERAGE WEBSITE

UNDER GUIDANCE OF

Ms. PRIYANKA BHUTANI

From: July 2022 – September 2022



University School of Information, Communication and
Technology

Guru Gobind Singh Indraprastha University, Dwarka

Submitted To -

University School of Information,
Communication & Technology,
GGSIPU, Sector 16C, Dwarka, Delhi

Submitted By –

Yash Aryan, B. Tech
(CSE), 5th Semester
06816403220

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DECLARATION

I **Yash Aryan**, a student of Computer Science and Engineering, Vth semester in **University School of Information, Communication & Technology, Dwarka** hereby declare that the work presented in this project report entitled **“Real Estate Brokerage Website”** was undertaken from **July 2022 – September 2022** under the guidance of Ms. Priyanka Bhutani, Assistant Professor at USICT.

The matter embodied in this project report has not been submitted by me or anybody else to any institution for award of any other degree or diploma except to **University School of Information, Communication & Technology**, for the fulfilment of the requirements for the award of degree of Bachelors of Technology.

Yash Aryan

06816403220

ACKNOWLEDGEMENT

I am thankful to “**Utkrisht Internship**” for providing me this opportunity. It is a great value addition in my curriculum. It is my duty to record my sincere thanks and gratitude towards my mentor at USIC&T who helped me in understanding the concepts of Web Development through this project.

I would like to thank my mentor at USIC&T for their valuable guidance in understanding the concept.

I would like to express my gratitude towards my teachers at **University School of Information Communication and Technology** for encouraging students in developing their skills, my parents for their consistent support and mentor at USIC&T for their support.

1. Organization Profile



The University School of Information, Communication & Technology has been established to design and implement courses with a twin objective of generating effective professionals and to keep pace with the R & D activities of this fast emerging and changing field of Information & Communication Technology. The school aims at inculcating essential skills as demanded by the global software industry, through the interactive learning process. This includes team-building skills, audio-visual presentations and personality development programs. These enhance analytic and communication skills, besides inculcating the virtues of self-study.

The school was set up with an aspiration to generate manpower, with the ability to take on challenges and fare forward in the realm of Information & Communication Technology. The Curriculum has been designed to cater to the ever-changing demands of information, communication technology, with the necessary inputs from the industry. The school has highly qualified & experienced faculty who excel in their respective areas. The school also encourages research work in various areas of information & communication technology. The school aspires to produce individuals equipped to contribute for progress at all levels: individual, national and global.

2. Introduction

2.1 Overview

Web development refers in general to the tasks associated with developing websites for hosting via intranet or internet. The web development process includes web design, web content development, client-side/server-side scripting and network security configuration, among other tasks.

In a broader sense, web development encompasses all the actions, updates, and operations required to build, maintain and manage a website to ensure its performance, user experience, and speed are optimal.

It might also, but not necessarily, include all those strategic actions needed to ensure its proper ranking on search engine results. Usually, those tasks pertain to a different specialization, namely search engine optimization (SEO). Web development is also known as website development, while the professionals that maintain a website are called web developers.



UTKRISHT PROPOSAL FORM

Date 12th July 2022

Student Information

Name YASH ARYAN

Course and Branch B.Tech Computer Science & Engineering

Enrolment No 06816403220

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Semester ☒ 4th ☐ 6th

Faculty Name Ms. Priyanka Bhutani

Brief Description of idea/project A full stack real world project using React, Redux and .NET framework. This project uses .NET for backend code, React for client app and front end, Redux for client side state management, Material UI styling framework, Typescript, C# language, Entity framework and ASPNETCore Identity for authentication. This is a Real Estate Brokerage project which uses latest technologies like Entity framework and ASPNETCore Identity for authentication. This website is better than others because we can scale it and deploy it.

Faculty Signature

Priyanka
12/July/22

Student Signature

Yash Aryan

3. Real Estate Brokerage Website

About Project:

The Real Estate Brokerage Website enables the user to buy properties. This website enables the user to customize their preferences by choosing their category from a list of categories that include Commercial Plots, Properties for Rent, Properties for lease, Paying Guest Facilities around them. The seller can update this website in real time by adding products in a single file.

This website also provides the user to add items to cart and remove it. Whenever a user adds a property in his/her cart the Checkout icon updates automatically. In the checkout page the user can increase or decrease the quantity of selected property. The subtotal, GST, Tax and Total Price in USD is calculated automatically according to the algorithm developed by me (which runs in background).

Whenever the quantity of item is reduced to null, the user is provided with a Browse Products icon which redirects him/her to the main page. The user can check individual property by clicking on it. Below our desired product we can view similar properties as per our desired category.

The user also gets a bonus feature of searching products with its name, category name, location, owner or carpet area. The search feature is empowered with the string similarity library. What makes this website unique is its ease to update, light weight, user friendly, secure and robust features.

Also, this website uses the updated version of React Router while other websites use version 5.


Some images showing the project is as follows:

Get Your Next Property

All


Search Products

Checkout 0




4 BHK Luxury Villa
\$486

Add To Cart




8 BHK Luxury Duplex
\$81

Add To Cart




Studio Apartment
\$119

Add To Cart




5 BHK Fully Furnished Bungalow
\$226


Add To Cart




6 BHK Luxury Villa



3 BHK Affordable



4 BHK, Ready To




5 BHK, Swimming

Get Your Next Property

All


Search Products

Checkout 0




4 BHK Luxury Villa
\$486

Add To Cart




8 BHK Luxury Duplex
\$81

Add To Cart




Studio Apartment
\$119

Add To Cart




5 BHK Fully Furnished Bungalow
\$226


Add To Cart




6 BHK Luxury Villa
\$302



3 BHK Affordable House
\$287



4 BHK, Ready To Move
\$212



5 BHK, Swimming Pool
\$73

https://ephemeral-nasturtium-58fae1.netlify.app/#


All
Buy
Commercial
Lease
PG
Rent

Get Your Next Property

Lease


Search Products

Checkout 0




Studio Apartment
\$119

Add To Cart




4 BHK, Ready To Move
\$212

Add To Cart




5 BHK with T Court
\$89

Add To Cart



5 BHK, Ready To Move Duplex
\$304


Add To Cart




4 BHK Luxury Villa
\$100

Get Your Next Property


AllSearch ProductsCheckout 3




4 BHK Luxury Villa
\$486
Remove From Cart




8 BHK Luxury Duplex
\$81
Remove From Cart




Studio Apartment
\$119
Remove From Cart




5 BHK Fully Furnished Bungalow
\$226
Add To Cart




6 BHK Luxurv Villa



3 BHK Affordable



4 BHK. Ready To



5 BHK. Swimming

Get Your Next Property

Checkout 3

Cart

4 BHK Luxury Villa (\$486)

-1+

Carpet Area: 2000sqm, Location: Southampton, Status: Ready to move, Owner: Henry Cavill

8 BHK Luxury Duplex (\$81)

-1+

Carpet Area: 1500sqm, Location: New York Status: Under Construction Owner: Mitchell Smith

Studio Apartment (\$119)

-1+

Carpet Area: 1200sqm Location: Status:Ready to move Owner: John Doe

Subtotal\$686.00

GST\$6.00


Tax\$68.60

Total (USD)\$760.60

Buy Now

Get Your Next Property

Checkout 0






4 BHK Luxury Villa

\$486

Carpet Area: 2000sqm, Location: Southampton, Status: Ready to move, Owner: Henry Cavill

Add To Cart

Similar Products Like This



Similar Products Like This



6 BHK Luxury Villa
\$302

[Add To Cart](#)

3 BHK, Ready To Move
\$273

[Add To Cart](#)

Studio Apartment
\$218

[Add To Cart](#)

4 BHK Luxury Villa
\$109

[Add To Cart](#)

3 BHK Luxury Villa
\$199

[Add To Cart](#)

6 BHK Luxury Villa
\$302

[Add To Cart](#)

4 BHK Luxury Villa
\$486

[Add To Cart](#)

3 BHK Flat



2 BHK Flat, Near Alpha One Mall



2 BHK, Fully Furnished



5 BHK Fully Furnished Bungalow

3. Result

Through this program I was able to learn new technologies and implement them to make a project that can be extended further for business purposes. The training program at Utkrisht gave me a head start in my journey of learning and working with latest technologies.

The main objective behind pursuing this internship was to understand the practical approach to Web Development, implement and make a project based on the skills I learnt to gain hands-on experience with these technologies.

4. Bibliography

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<https://www.youtube.com/watch?v=oecl26cWqzk&list=PLC3y8-rFHvwgg3vaYJgHGnModB54rxOk3&index=7>

<https://www.youtube.com/watch?v=j5P9FHiBVNo&list=PLC3y8-rFHvwgg3vaYJgHGnModB54rxOk3&index=20>



UTKRISHT CERTIFICATE FORM

Date 12/09/2022

Student Information

Name YASH ARYAN
Course and Branch B.Tech CSE
Enrolment No 06816403220
Semester ☒ 4th ☐ 6th
Faculty Name Ms. PRIYANKA BHUTANI
Project Title REAL ESTATE BROKERAGE WEBSITE
USING REACT ROUTER VERSION 6

Faculty Remark

The project is complete in the aspects as proposed by the student. The ^{self} learning reported by student - of the new technology is praiseworthy.

Faculty Signature

Student Signature