VIDHYADEEP INSTITUTE OF COMPUTER & INFORMATION TECHNOLOGY, ANITA-KIM.

VEER NARMAD SOUTH GUJARAT UNIVERSITY (VNSGU)

PROJECT REPORT ON

“**DG-Estate**”

as a partial requirement for the degree of

bachelor of computer applications

[b.c.a]

3 YEARS integrated cource

YEAR: 2019 – 2022

SUBMITTED BY:

Darshan Nariya

(E19110403000110036)

GUIDED BY:

Drashti Bhatt

(Internal Guide)

ORGANIZATION:

KG Krunch

Solutions

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# Acknowledgement

I

n successfully completing of this project, many websites, blogs, posts, videos, discussions have helped me.[[1]](#footnote-1) I would like to thank all these, I have also upvoted these blogs, videos whenever it was possible.

Every single problem in this project gave me a challenge, and I like challenges, it gave me huge confidence boost whenever I solved any challenging problem.

The Company where I worked (KG Krunch Solutions) was also a big help, while I didn’t make my project there, but I learned a lot while working there.[[2]](#footnote-2) I will be always thankful to the company and team.

This project doesn’t just show how much I know it also shows how much I don’t know. So, I’m looking forward to learn new things every day.

Now let’s come to the college “VIDHYADEEP INSTITUTE OF COMPUTER & INFORMATION TECHNOLOGY”, while admin department was a pain to work with, where I had some uneasy experiences, our department’s professors were easy on us, gave us lot of freedom. It was an experience in its own, and I thank all the faculty. [[3]](#footnote-3)

For upcoming days and new things, I’m ready, one day at a time, finally thanks to all the people and things that helped me directly or indirectly.

Darshan Nariya

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# Introduction Profiles

## Project Profile

|  |  |
| --- | --- |
| Title | DG-Estate |
| Organization | KG-Krunch Solutions |
| Category | Local Property listing Website |
| Duration | 3 Months |
| Front-End | Blade (Laravel Framework) |
| Back-End | Laravel Framework (PHP) + MySQL |
| Guide | Drashti Bhatt (Internal Guide) |
| Submitted by | Darshan Arvind Bhai Nariya  (E19110403000110036) |
| Submitted to | Vidhyadeep Institute of Computer & Information Technology |

## Company Profile

|  |  |
| --- | --- |
| Company Name | KG Krunch Solutions |
| Proprietor Name | Ashish Gajera |
| Business Type | Solutions Provider |
| Address |  |
| Contact No |  |
| Website |  |
| Email |  |
| Service Range |  |

# Objective of Project

## User

The main User side Objectives are:

* To enable users to surf all listed properties.
* Users can surf properties without the need of creating account.
* Users can filter properties by category, city, and search by property title.
* Users can create account and manage their profile, save properties, review properties, and change their password.

## Admin

The main Admin side Objectives are:

* Admin can add, and update existing category, facilities, city, property.
* Admin can add and delete images in property gallery.
* Admin can delete user reviews.
* Admin can give other users admin access.

## Root

The main Root side Objectives are:

* Root has access to all above features.
* Root is only one who can delete existing category, facility, city, property, and users.
* Root can manage website’s Home, About, FAQ, Terms page in CMS.
* Root can manage website’s other settings in Site Settings option.

# Environment Description

## Hardware Requirements

### Server

|  |  |
| --- | --- |
| Processor | 3rd Gen and above |
| Memory | 4 GB and above |
| Storage | 6 GB and above |

### Client

|  |  |
| --- | --- |
| Processor | 3rd Gen and above |
| Memory | 4 GB and above |
| Storage | 6 GB and above |

## Software Requirements

### Server

|  |  |
| --- | --- |
| Operating System | Windows 7 or above (10 recommended),  any Linux based, 64bit arch. |
| Server | Apache v 2.4 and above |
| Php | Php v 6 and above |
| MySQL | MySQL v 7 and above |

### Client

|  |  |
| --- | --- |
| Operating System | Windows 7 or above (10 recommended), 64bit arch. |
| Browser | Any Chromium based Browsers |

## Development Environment

### Hardware

|  |  |
| --- | --- |
| Processor | Ryzen 5 3550H |
| Memory | 8 GB |
| Storage | 256 GB |

### Software

|  |  |
| --- | --- |
| Windows | 10/11 64bit |
| WAMP server | V 4.1 |
| Chrome | V 99.0.4844.82 64bit |
| Git | Windows V 2.34.1 |
| Composer | V 2.2.3 |
| VS Code | V 1.50^ |
| Diagrams.net/Draw.io | V 17.2.3 |

### Dependencies

|  |  |
| --- | --- |
| Laravel | V 8.x |
| Bootstrap | V 5.1.3 |
| Bootstrap Examples | V 5.1 |
| JQuery | V 3.6.0 |
| Font Awesome | V 4 & V 5 |
| Data Tables | V 1.11.4 |
| Data Tables Bootstrap | V 1.11.4 |
| Fancy Apps | V 4 Fancy Box & Carousal |
| CKEditor | V 4 |

## Methods & Technologies

# Analysis Report

# Design Report

# Testing Reports

# Limitations of the System

# Future Enhancement of the project

# References

1. Because I’m introvert I didn’t really ask someone else to help me actually. [↑](#footnote-ref-1)
2. Because I only learn things when I’m under pressure. [↑](#footnote-ref-2)
3. Fun fact: every semester there was one new faculty replacing other. [↑](#footnote-ref-3)