VIT Bhopal University

School of Computer Science & Engineering

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Digital Portfolio

Batch 2019-23

Submitted By:

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19BCE10057

Submitted To:

Program Chair
B.Tech
CSE

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Introduction

My name is Vedant Agrawal. I belong from Sagar and currently I'm pursuing bachelor of Technology from Vellore Institute of technology. I'm studying computer engineering because I'm passionate about exploring ways technology can provide practical solutions to everyday problems. I'm particularly interested in Front-End Web Development. I'm looking toconnect with engineers and other professionals who are currently working in that field.

I did my schooling from St. Joseph Convent Sr. Sec. School Sagar. My hobbies are reading books, playing football and swimming. My strengths are I am optimistic, trustworthy personand I am always punctual at my work.

Skills

Technical Skills

- C
- C++
- Python
- HTML
- CSS

Technical Domain

- Basic Machine learning
- Front End Web Development

Projects

- Diabetes Prediction in female
- Barter System
- Sudoku Solver
- Interior Designing Website

Diabetes Prediction in female

Aim of the project:

The Aim of this project Was to predict the occurrence of Diabetes in female Given a Certain amount of Data.

Technologies used:

Python , Machine Leaning

Model.

Screenshots:

```
SVC()
```

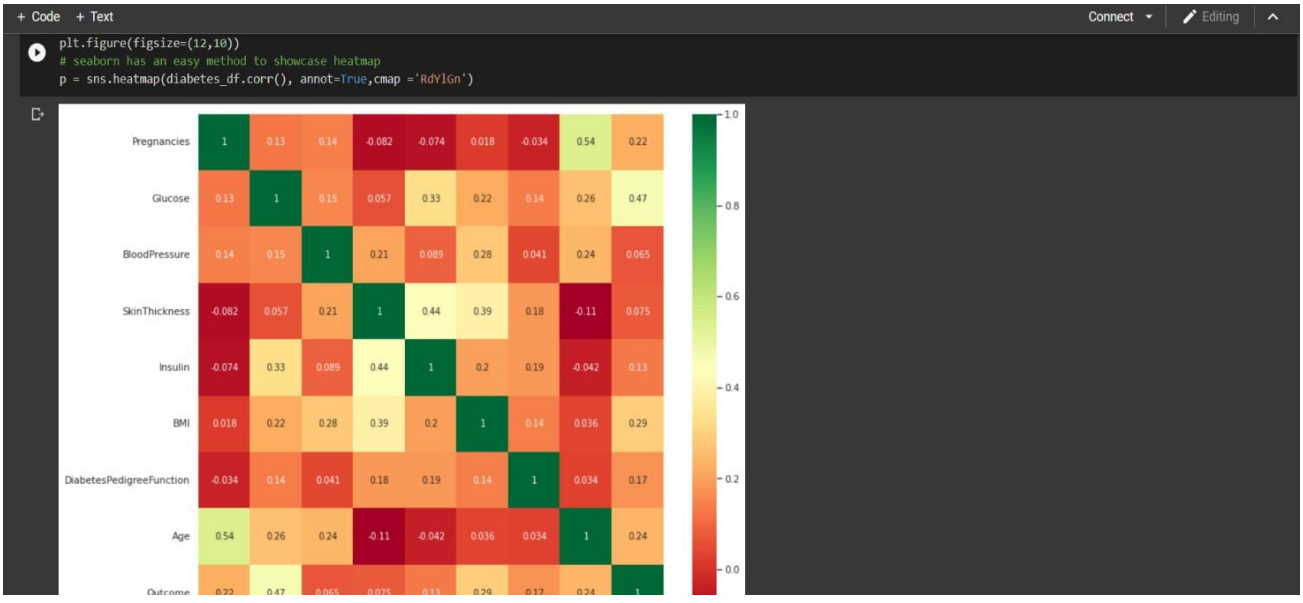
```
[ ] svc_pred = svc_model.predict(X_test)
```

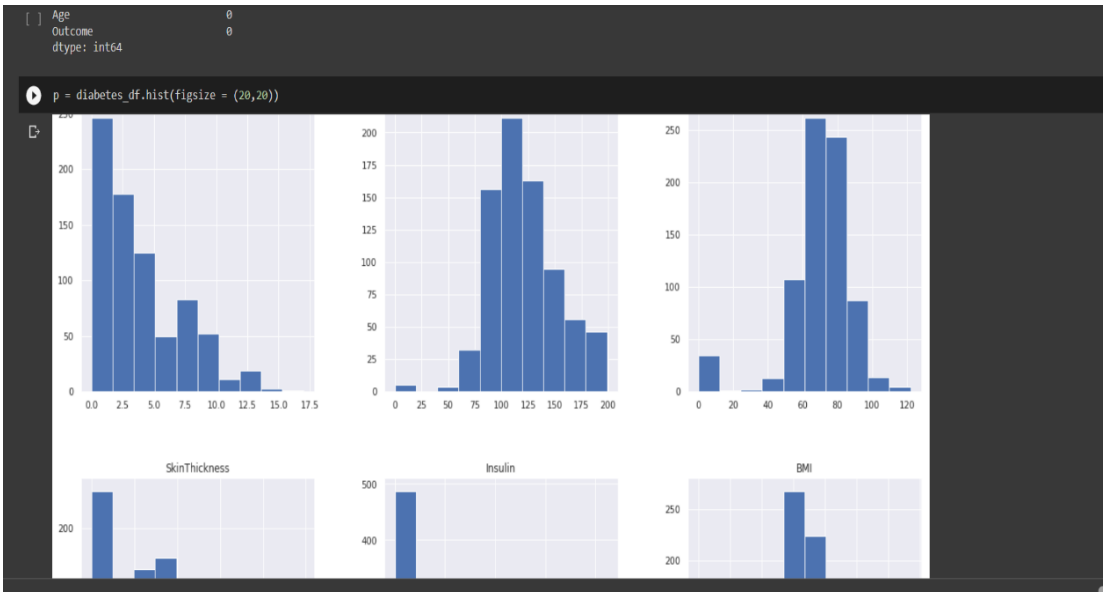
```
[ ] from sklearn import metrics

    print("Accuracy Score =", format(metrics.accuracy_score(y_test, svc_pred)))
```

```
Accuracy Score = 0.7480314960629921
```

```
from sklearn.metrics import classification_report, confusion_matrix

print(confusion_matrix(y_test, svc_pred))
print(classification_report(y_test,svc_pred))
```

```
[[145  17]
 [ 47  45]]
              precision    recall  f1-score   support

           0       0.76      0.90      0.82       162
           1       0.73      0.49      0.58        92

    accuracy                           0.75       254
   macro avg       0.74      0.69      0.70       254
weighted avg       0.74      0.75      0.73       254
```





Barter System App(Group Project)

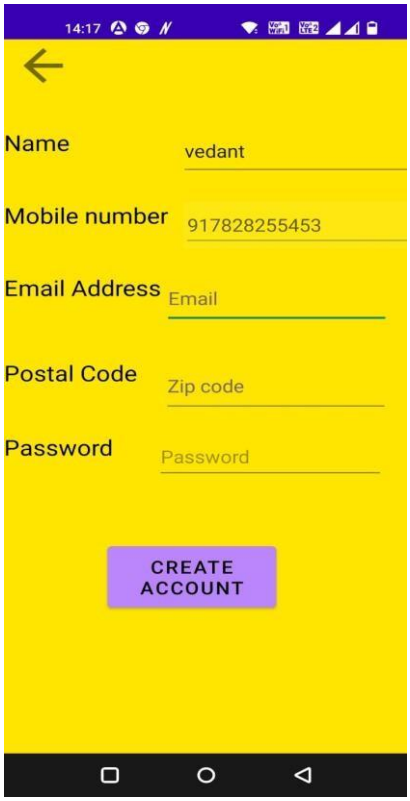
Aim of the projects:

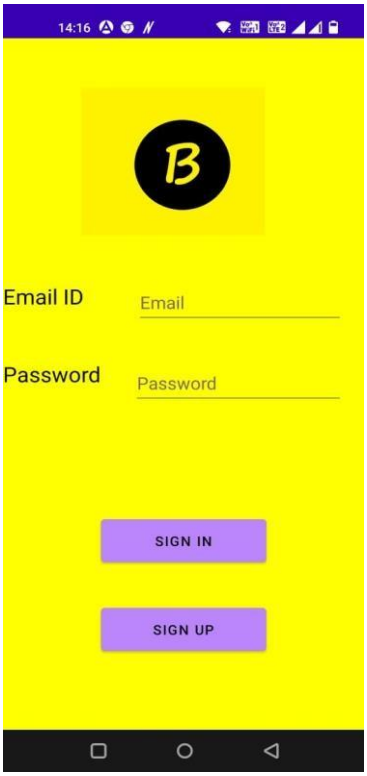
Android Based Platform Where Instead of Money as a method of purchasing goods are used. People can Exchange Items as there is need instead of the regular currency system .

Technologies used:

Java, Xml, Firebase, Figma

Screenshots:





Sudoku Solver App

Aim of the project:

The main aim with Web development Project is to help develop minds of the kids by giving them complex Sudoku solver Problems .

Technologies Used:

HTML, CSS, JavaScript, Back-Tracking Algorithm.

Interior Designing Website

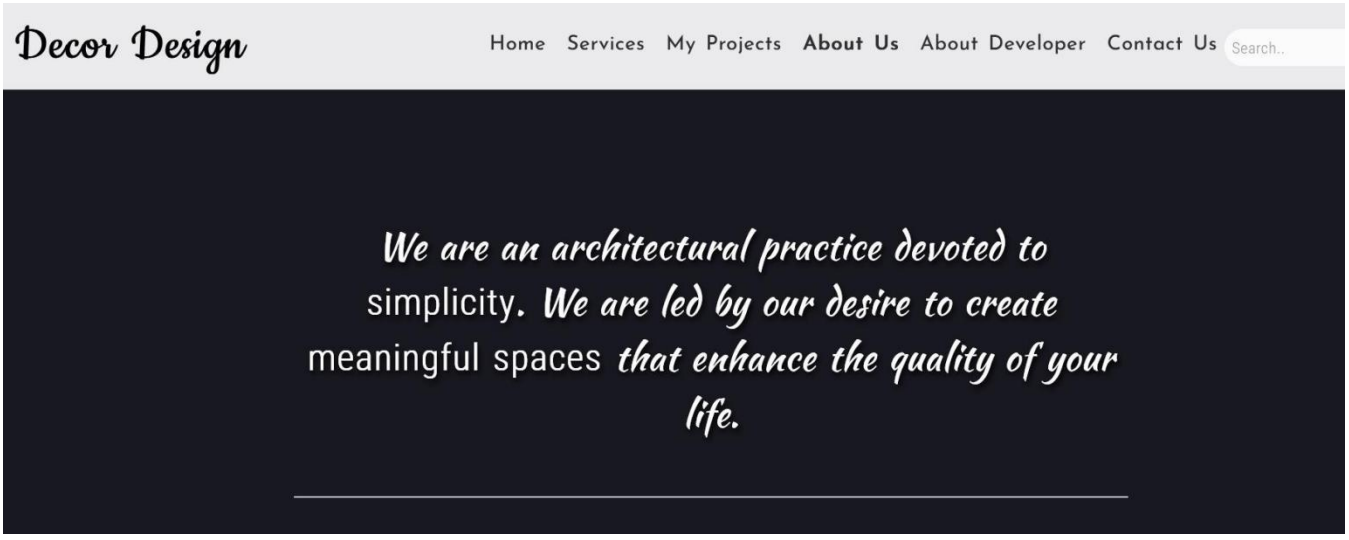
Aim of the project:

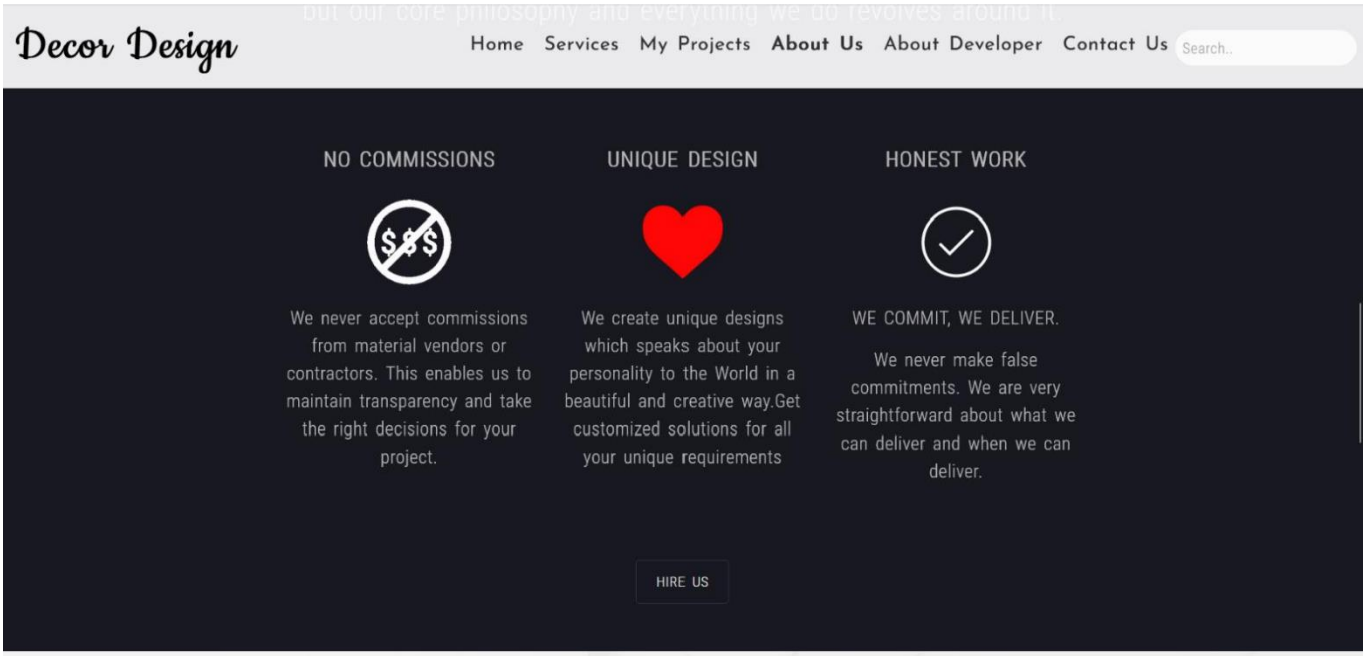
It Was my Intership Project. I was given a Task to make a project where we can start a business on selling Interior Designing Ideas.

Technology Used:

HTML,CSS,JavaScript.

Screenshots:

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We create unique designs which speaks about your personality to the World in a beautiful and creative way.Get customized solutions for all your unique requirements
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We never make false commitments. We are very straightforward about what we can deliver and when we can deliver.
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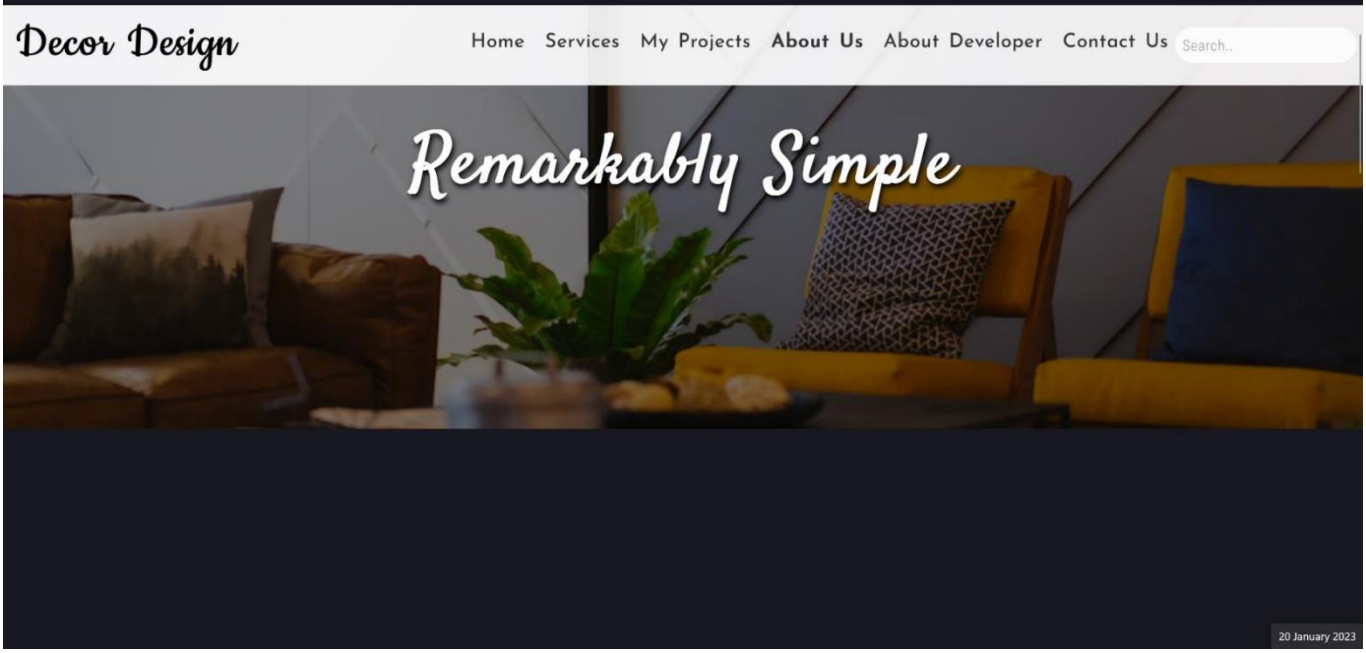
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Remarkably Simple
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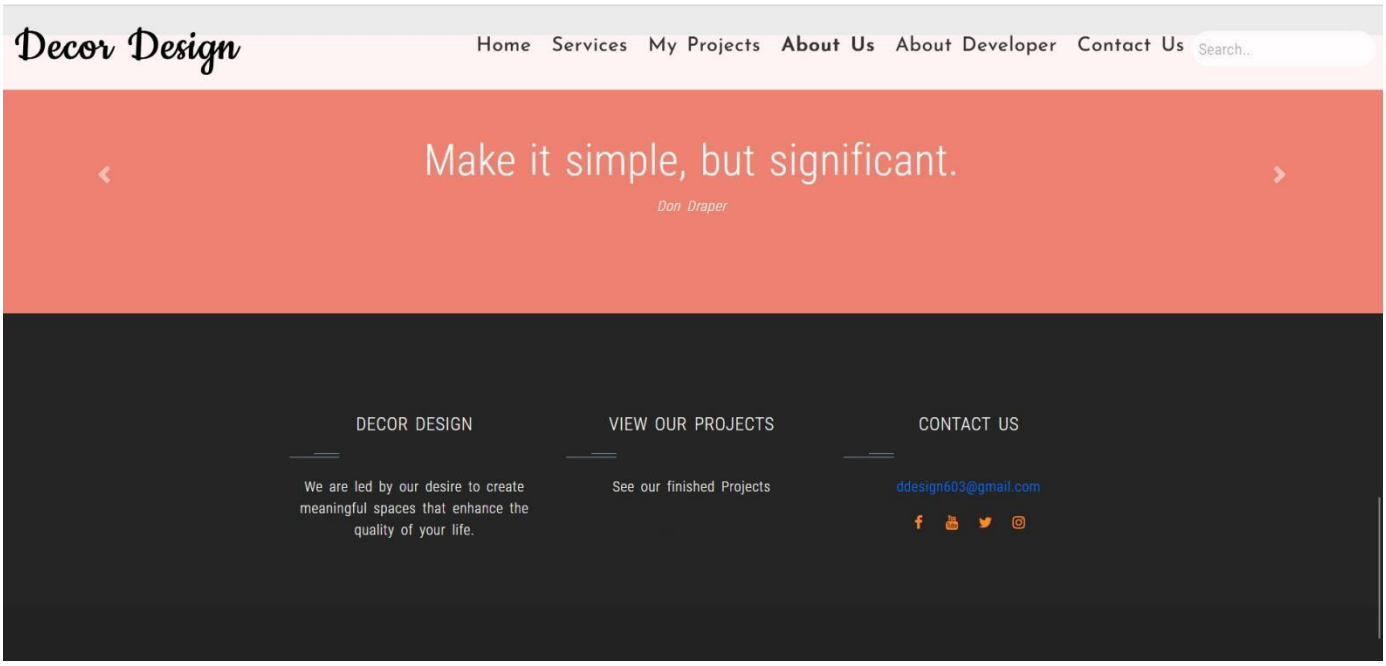
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Don Draper
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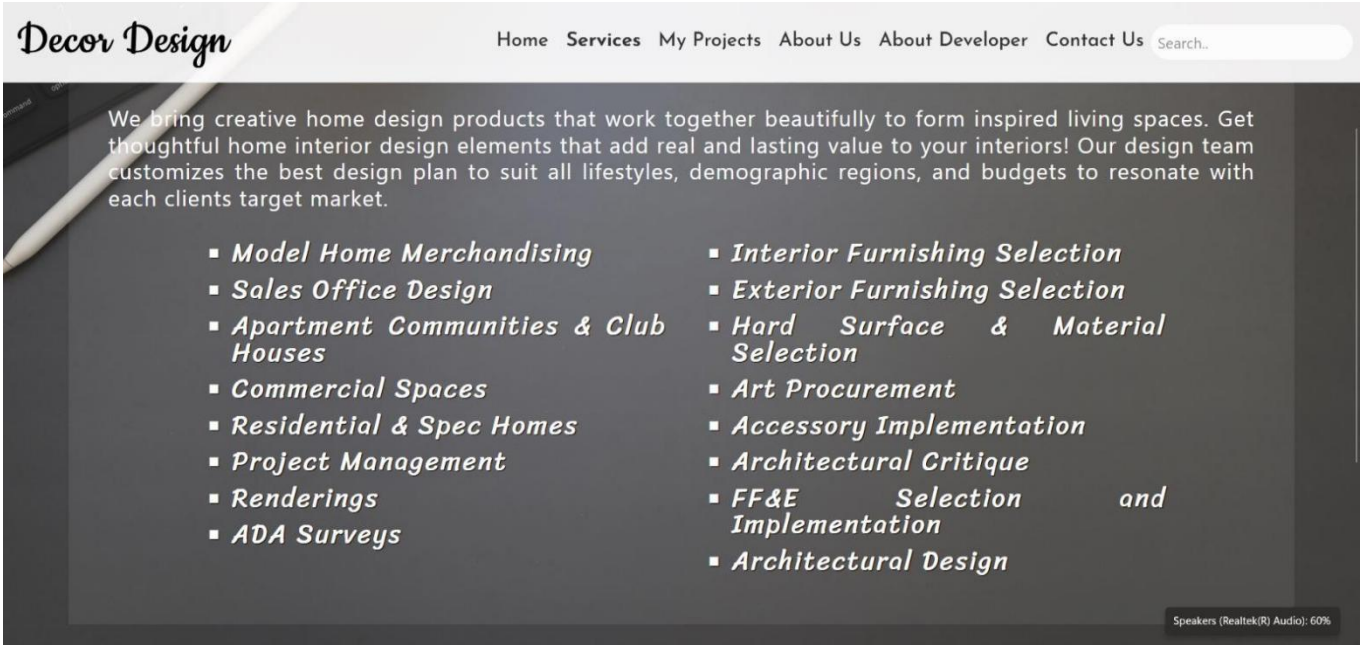
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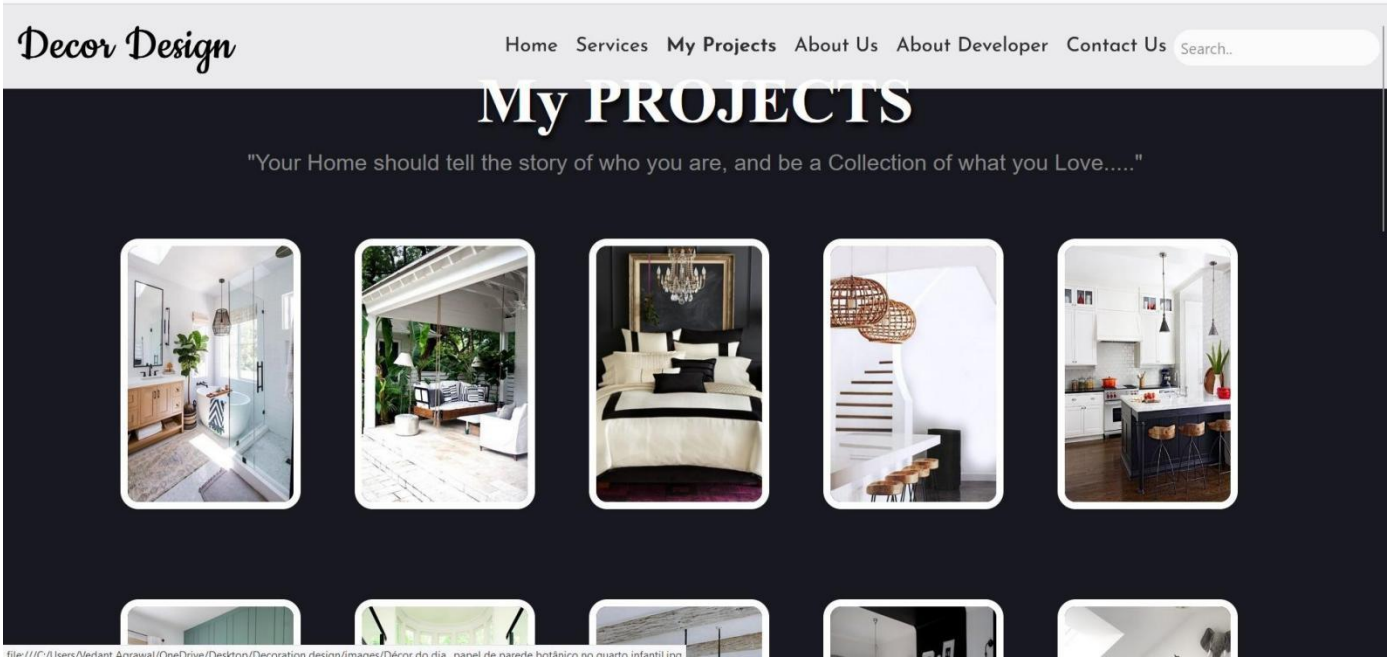
Renderings
ADA Surveys
Interior Furnishing Selection
Exterior Furnishing Selection
Hard Surface & Material Selection
Art Procurement
Accessory Implementation
Architectural Critique
FF&E Selection and Implementation
Architectural Design
Speakers (Realtek(R) Audio): 60%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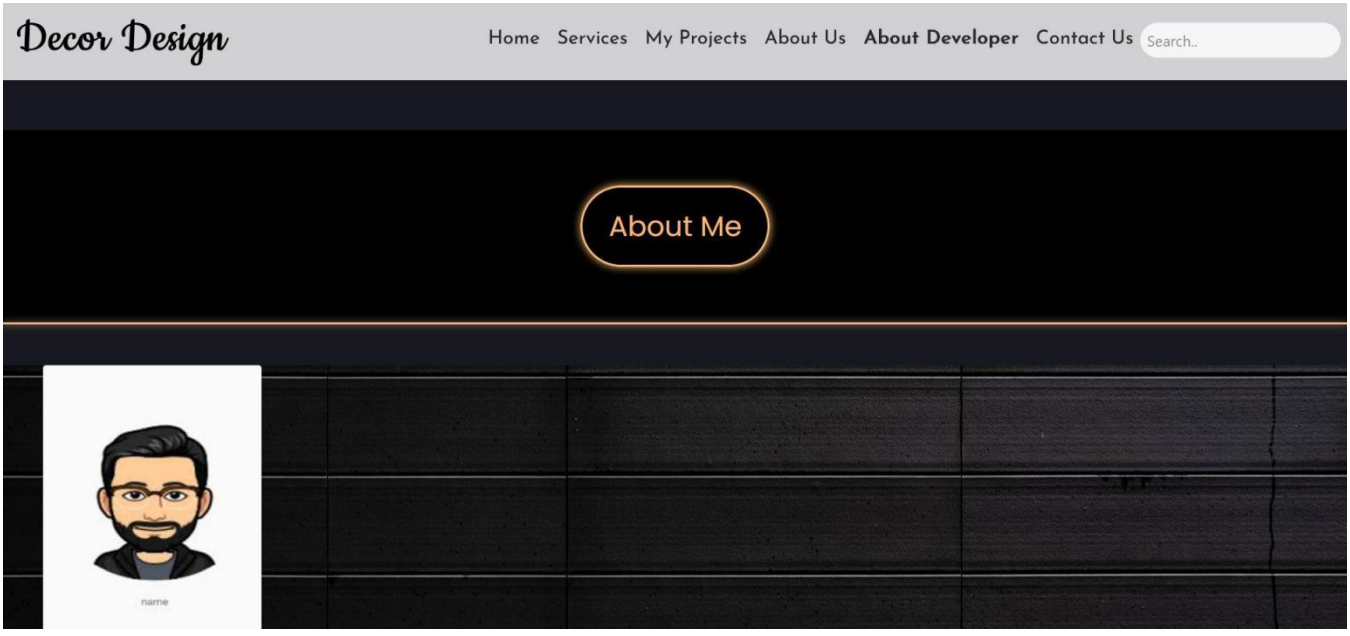
"Your Home should tell the story of who you are, and be a Collection of what you Love....."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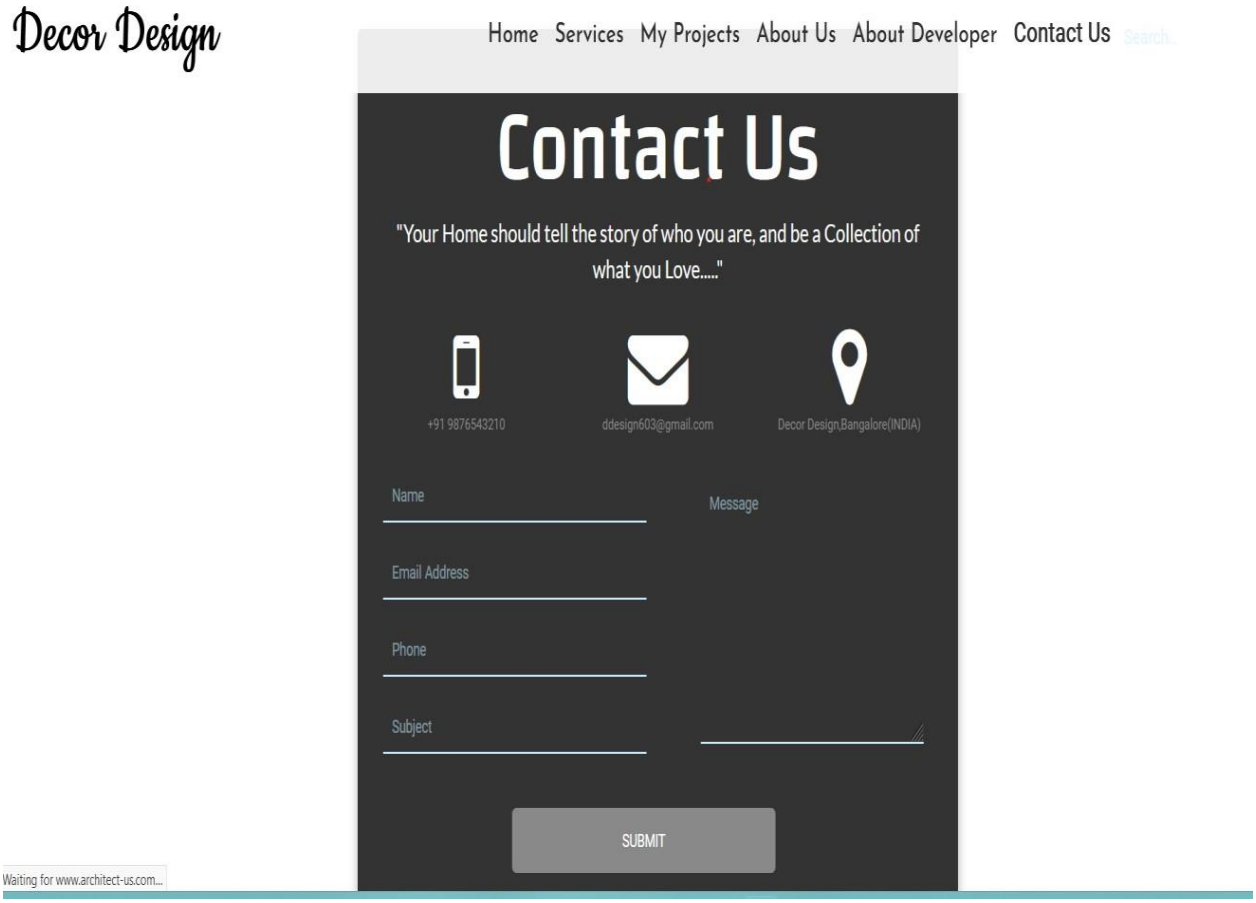
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Internships

Web Developer Intern – **Verzeo**

- **Duration: June** 1, 2020 – August 31, 2020 (2 months)
- **Task:** To create a web-based Interior Designing Website.

- **Functionality:** A platform for showing our interior design ideas so that we could get hired.

Certifications

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Got Certificate of Excellence in C++ with Data Structures and Algorithm by Coding Blocks

Hacker Rank Problem Solving Certificate

Extra-Curricular Activities

Member of Google Student Developers Club
Was Member of NSS club