

SYNOPSIS

Title

Design Decor

The Problem Statement

Create a website using FullStack Technologies for an interior designing company. The website will serve the purpose of introducing the company to the user and will also display the previous projects done by the company. It will also work as the online platform for displaying the products of the company.

Reason

To learn and implement the knowledge of the subject and provide a working website :-

- **Be the face -**
A new user who is interested in getting his interior of the building a new look should know about the company through the homepage.
- **Provide the platform for doing business -**
It is likely that the user might be interested in looking at the stuff that the company produces. The user should be able to buy those products through the website itself.
- **Provide a platform for contacting the company -**
Provide a solution to the user for contacting the company in case they want the work to be done with minimal discomfort.

Objectives

- To create a website for interior design company
- To create an internet presence
- To give information of the previous projects done by the company.
- To provide an online platform for displaying the products.
- To make it easy for users to contact the company.
- To make it available on multiple platforms.

Feasibility Study

- **Technical Feasibility:** We can say that our Application would be technically feasible because we are not getting any difficulty related to the resource of development and maintenance of the project. It is easy to use by all.
- **Economically Feasibility:** The project that we are building would be economical as it wouldn't be taking any extra tools other than required tools for development and is available for free. We have made sure that neither user nor the developer need to spend any money for the accessing and development of the system. Everything will be done using Open Source tools available.
- **Schedule Feasibility:** It is defined as the state of being probable and will be completed within the scheduled time. We are working from day one on the project.

Methodology:

We are using front-end technologies such as HTML, CSS, JS, Bootstrap and database along with developing the website for the user.

We are using Monolithic Architecture to ensure fast development, better testing than Microservices Architecture, and easy to deploy of the website which would shorten the duration of development to the production stage.

What is Monolithic Architecture ?

Monolith means composed all in one piece. The Monolithic application describes a single-tiered software application in which different components combined into a single program from a single platform. Components can be:

- Authorization — responsible for authorizing a user

- Presentation — responsible for handling HTTP requests and responding with either HTML or JSON/XML (for web services APIs).
- Business logic — the application's business logic.
- Database layer — data access objects responsible for accessing the database.
- Application integration — integration with other services (e.g. via messaging or REST API). Or integration with any other Data sources.
- Notification module — responsible for sending email notifications whenever needed.

Summary:

Frontend:

FrontEnd will be the visual side of the Monolithic project, it will provide an interface for users to interact with the website, and feel the responsiveness of the website built upon using the basic tech. Stack like HTML, CSS , JAVASCRIPT and not any frontend framework.

Software used:

- Visual Studio Code
- Brackets
- Google Dev tool

What contribution does the project make and where? :

Having an online website would raise awareness about the Interior Designing Company, people could browse the website to get the information about various services the company provides, people could see the new products launched and can get the contact details if they have any query about our product/services.

Since having a website for brand awareness, it would eventually increase the company sales and also will make sure of the competitive price offered, which would help customers to make a better purchase decision.

Online GIT Repository:

<https://github.com/cs5-sam/DesignDecor>

CONCLUSION

Every Individual/Company doing business should have an online presence on the Internet.

Bibliography:

1. <https://www.freelancer.com/>
2. <https://developer.mozilla.org/en-US/>