High Level Design (HLD)

Personal Portfolio Website

Updated version: 2.0

Submitted by

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Document Version Control

Date Issued	Version	Description	Author
30/06/2023	1.0	Started the project with designing a navigation bar	Mohankumar.k
31/09/2023	1.1	Added Design details and abstract to the header	Mohankumar.k
01/07/2023	1.2	Created PID document and other documents.	Mohankumar.K
07/07/2023	1.3	Added some attractive designs and fonts	Mohankumar.K
15/07/2023	1.4	Added some basic details about myself in the portfolio website	Mohankumar.K
16/07/2023	1.5	Uploaded my project on github.	Mohankumar.K
20/07/2023	2.0	gave a finishing touch to my project and documents.	Mohankumar.K

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Abstract

An online portfolio (may also be called a digital portfolio or e-portfolio) is an online representation of work you have created, as well as your skills and experiences. It could be a website, blog, or even a video channel. It could include your resume, a summary of qualifications and skills, images of class projects or design samples, audio and video, charts and schematics, process flows, and more.

It is becoming increasingly important for artists, engineers, computer scientists, photographers, designers, filmmakers, and other creative people to have a way to showcase and promote their work. Regardless of the medium(s) you work with, a portfolio will give more people access to your work and a better idea of your abilities. They display skills and projects in a robust and visual way that complements the information in your resume and cover letter. They also allow you to organize your work in one place – even if that work spans different disciplines.

In this internship program i have created my online portfolio website which tells about my education my projects etc.

Introduction

1. Why this High-Level Design Document?

The purpose of this High-Level Design (HLD) Document is to add the necessary detail to the current project description to represent a suitable model for coding. This document is also intended to help detect contradictions prior to coding and can be used as a reference manual for how the modules interact at a high level.

The HLD will:

- Present all the design aspects and define them in detail
- Describe the user interface being implemented
- Describe the hardware and software interfaces
- Describe the performance requirements
- Include design features and the architecture of the project

2. Scope

The HLD documentation presents the structure of the system, such as the database architecture, application architecture (layers), application flow (Navigation), and technology architecture. The HLD uses non-technical to mildly technical terms which should be understandable to the administrators of the system.

3. Definition

The terms used in the projects are:

- HTMl- Hyper text markup language.
- CSS- Cascading style sheets.
- JS- Javascript.

General Description

1. Product Perspective

While it is a word which was once only used for artists, a portfolio in the modern work sense refers to any body of creative work you use to show potential clients what you can do. A graphic designer, photographer, or artist might use a portfolio, but so do writers and other content creators, web developers, app developers, and even people like piercers and tattoo artists. It often stands in place of a traditional CV, although it can also be used to augment one.

A portfolio website, obviously, is what happens when you take that body of work into online spaces. Instead of building a 'standard' website, most of which are single-page scrollers, you need to consider how best to show off your work through a digital medium.

2. Problem Statement

To create the portfolio website using HTML, CSS & JS.

3. Problem Solution

Develop the website which is portfolio of a particular person doing some job.

4. Further Improvement

The project can be made more attractive by adding some good animation and designing techniques.
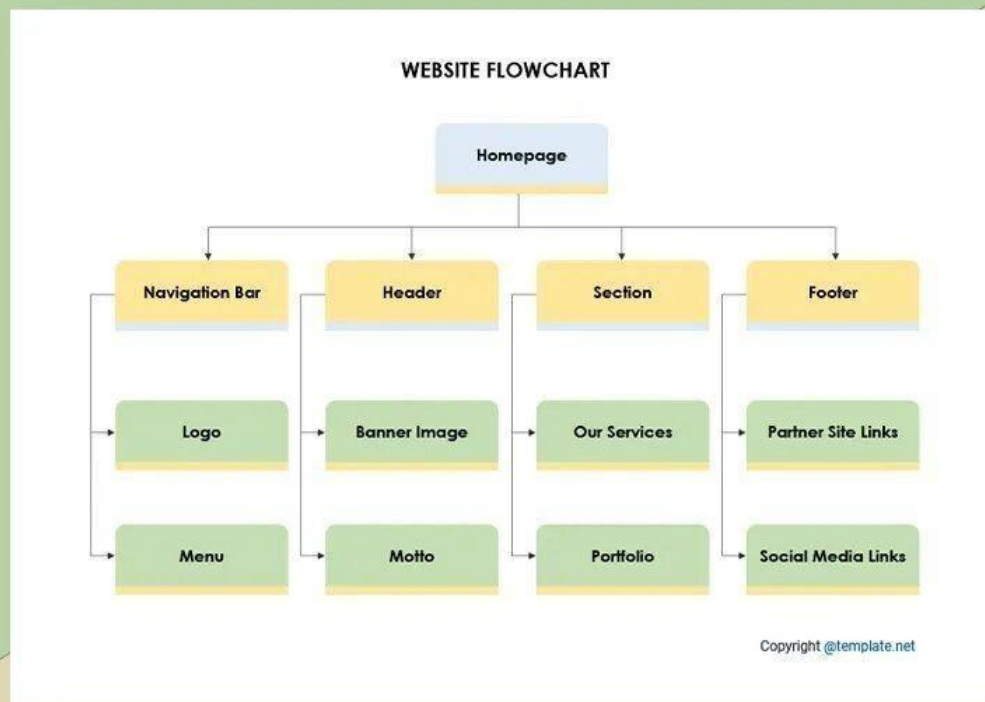
5. Tools Used
- HTML CSS and Javascript.
- Visual studio code as an IDE.
- BOOTSTRAP tool for some designs
- GitHub is used as version control system.

6. Constraints

The portfolio website should be user friendly. A viewer of the website should get all the information about the person through the portfolio website .
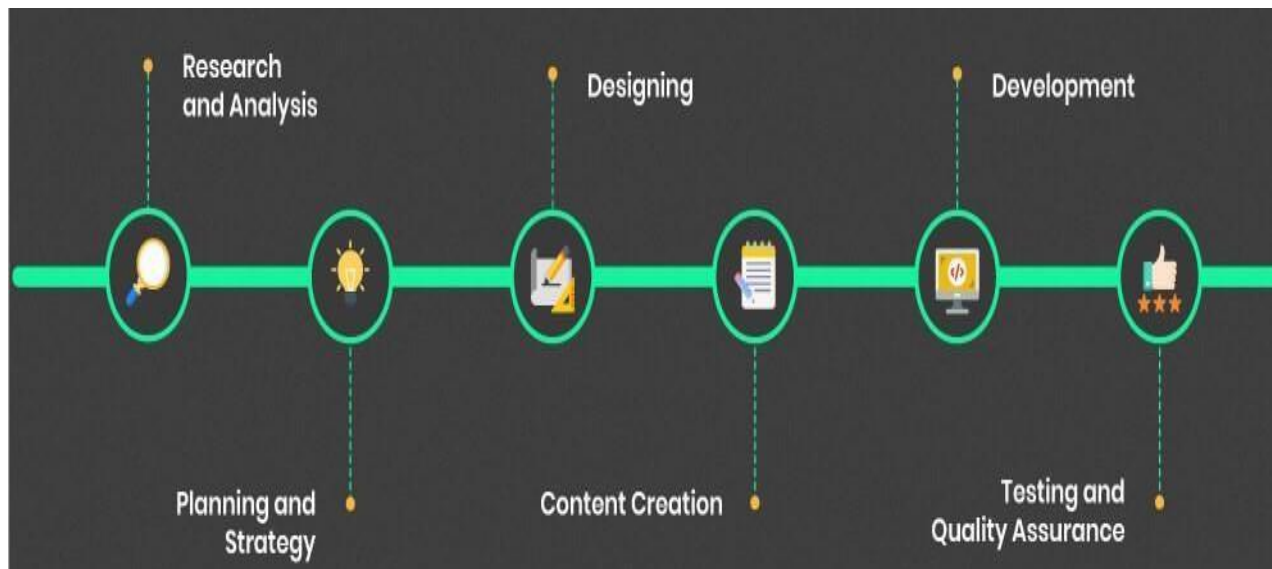
Design Details

1. Process Workflow

Deployment Process

2. Error Handling

Initially we got error when connecting Heroku with GitHub which we solved. We then got error displaying the graphs and multiple text were not solving. Allof the above errors have been resolved.

Performance

1. Reusability

While developing a website I have taken a concern of website reusability I have also take care of that it would be easier to edit the website by any technical person.

2. Website compatibility

Website is made compatible with both mobile phones and laptop screens.

3. Deployment

The code is deployed in GitHub.

Conclusion

This was a High level documentation of the project "The portfolio website" i have created. This documentation contains all the details about the creation of the project.

References

1. https://www.youtube.com/watch?v=3e8p0R5-b5A
2. https://docs.github.com/en
3. https://www.w3schools.com/
4. https://www.geeksforgeeks.org/