

Landing Pages (Portfolio Website)

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Document Version Control

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Abstract

Paper based CV review during hiring sessions are clearly a process that companies tend to avoid these times, they prefer smart and efficient way to inspect an interviewee if they are capable of the role and to know about their past and present accomplishments. So, a portfolio website is that solution which is quite easy and efficient way to reach to a person's skills and experiences. Hence, with the project of demonstrating the landing pages , I have aimed to build a portfolio website that can be utilized and modified like a template or demo to develop one for user.

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:

- UI/UX – User Interface/User Design
- CV – Curriculum Vitae
- CSS – Cascading Style Sheet
- JS - JavaScript

General Description

1. Product Perspective

Idea of developing portfolio website to demonstrate landing page is to target the simplicity and if kept available it can be utilized by tech enthusiasts as a demo template and help them develop their own website.

2. Problem Statement

To create multiple landing pages for different situations. To build a website for the above problem statement.

3. Problem Solution

Develop the web application i.e., any website to demonstrate the landing pages.

4. Further Improvement

The project can be extended by using backend development adding databases, assigned project download option, checkout pages for payment regarding contractual project.

5. Data Required

Data that is required for building this website is list of skills, experience, list of projects, achievements a particular person possesses, person's contact and social media information if a person wishes to share.

6. Tools Used

- Atom/ Visual Studio Code
- Html, CSS, JavaScript
- Bootstrap (links and documentations)
- Favicon.io (to generate favicons)
- Figma (to design UI)
- GitHub is used as version control system.
- Netify for deployment

7. Constraints

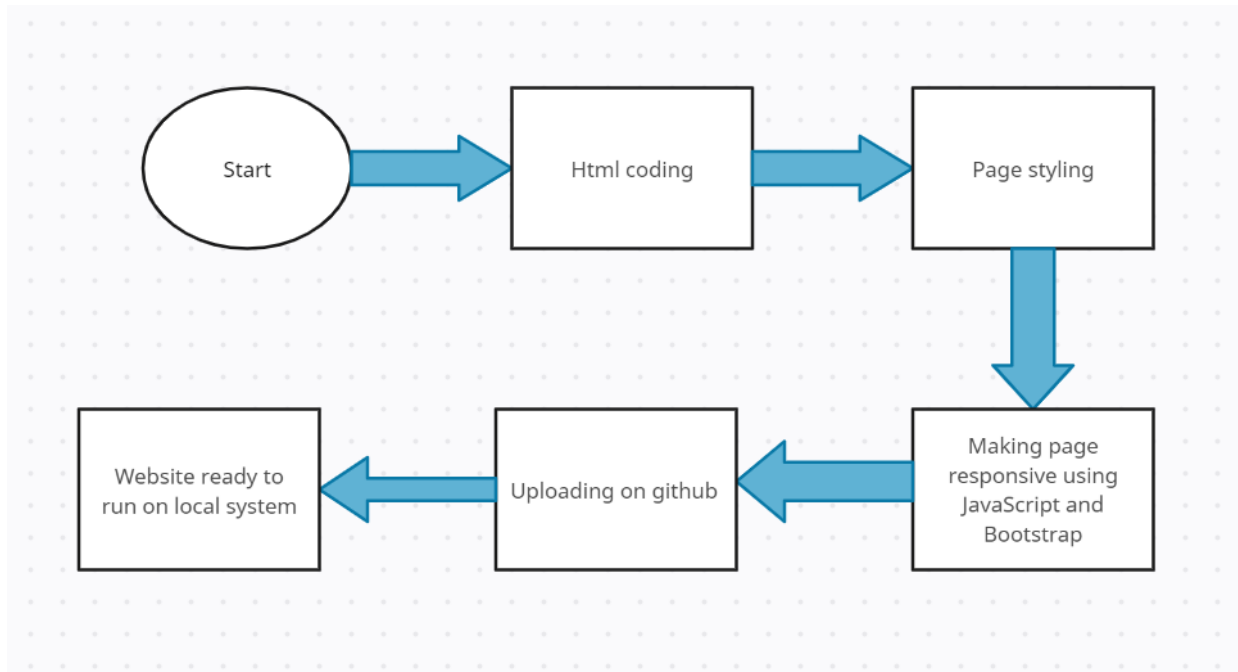
The portfolio website should be user friendly. The website should be easy to access.

8. Assumptions

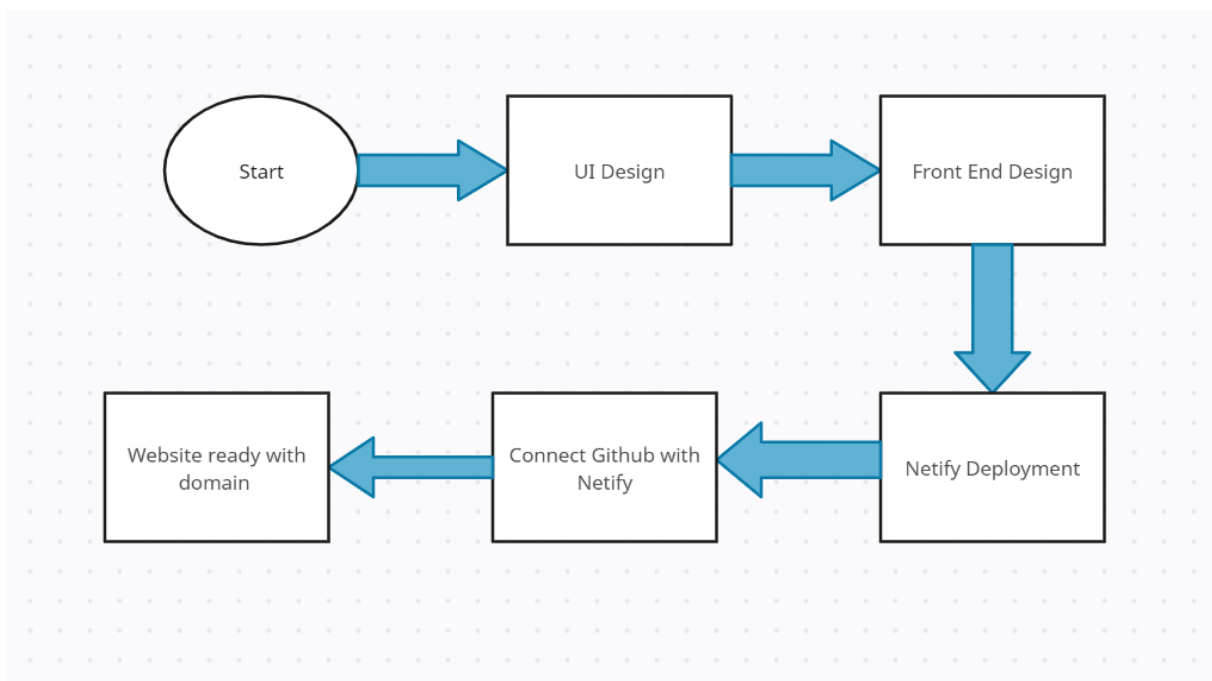
The main objective of the project is to demonstrate the idea of landing pages in a website. With the development of a portfolio website in this project a person can have a unique way to showcase work and let others know about themselves.

Design Details

1. Process Workflow



Deployment Process



2. Error Handling

Currently from running on local network to deployment phase we haven't experienced any sort of error. But, in future if any kind of modification is done in styling or images or modification in records is done the data should be changed according to the folders assigned for each resource separately.

Performance

1. Reusability

This project for reusability in case of modification of data will work perfectly without any error and will display data as fed into it.

2. Application compatibility

Since in this project I have used Html, CSS, JavaScript, Bootstrap which are compatible for mostly all the web browsers in today's era, so there will be no issue faced on compatibility.

3. Resource utilization

From the start of the development to its deployment this project has utilized very minimal disk space and after deploying the website we have checked the reload and response time and it is quite good and acceptable.

4. Deployment

The code is deployed from the netlify website and has also been linked with GitHub. The website can be accessed by the url: <https://portfoliovieh.netlify.app>

Conclusion

This project proposes the landing page demonstration as a website. This project of landing pages can be utilized to display skills, experiences as well as projects accomplished by a interviewee to the hiring companies. It will reduce the task of inspecting CVs and will reduce the time of long data collection process.

References

1. [JavaScript | MDN \(mozilla.org\)](#)
2. [CSS: Cascading Style Sheets | MDN \(mozilla.org\)](#)
3. [Get started with Bootstrap · Bootstrap v5.3 \(getbootstrap.com\)](#)
4. [HTML: HyperText Markup Language | MDN \(mozilla.org\)](#)