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**Synopsis on**

PORTFOLIO SIMULATOR

**Submitted by**

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# ABSTRACT

The Portfolio Simulator is a web-based platform designed to enable students and working professionals to create their own online portfolios easily. This platform provides users with a variety of templates and customizable options to showcase their skills, achievements, and work experiences in a visually appealing and professional manner. Moreover, the platform allows users to download their CVs in different formats to meet their needs.

The Portfolio Simulator aims to offer a user-friendly and convenient solution for those seeking to enhance their online presence and increase their visibility to potential employers or clients. By using this platform, users can create a portfolio and resume that reflects their personal brand, highlight their unique strengths, and showcase their talents and abilities.

With its easy-to-use interface, the Portfolio Simulator enables users to create a portfolio page quickly and efficiently, saving time and effort. The platform is also mobile-responsive, allowing users to access their portfolios from any device with internet access.

Overall, the Portfolio Simulator offers a valuable resource for students and professionals looking to build an online presence and promote their skills and experiences to a broader audience.

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## Introduction

The rise of digital technology has transformed the job market, and having a strong online presence has become essential for students and professionals to showcase their skills and achievements. Creating an online portfolio is one of the most effective ways to promote oneself in the digital world. However, building a portfolio page from scratch can be a daunting and time-consuming task, especially for those who lack web development skills.

The Portfolio Simulator is a web-based platform designed to provide a user-friendly solution for creating an online portfolio. With its customizable templates and intuitive interface, the platform allows users to showcase their work experiences, skills, and achievements in a visually appealing and professional manner. Moreover, the platform offers a convenient feature for users to download their CVs in different formats, making it easy to share with potential employers or clients.

In this synopsis, we will discuss the key features of the Portfolio Simulator, its benefits for students and professionals, and how it can help individuals build a strong online presence. We will also explore the challenges and opportunities of creating such a platform and its potential impact on the job market.

## Software Requirement Specifications

### Software Requirement for development -

* System Software -
  + Server (APACHE TOMCAT Server)
* Application Software -
  + Database (MySQL)
* Web Technologies -
  + HTML5 & CSS3
  + Bootstrap
  + Javascript(JQuery)
* Frameworks -
  + THYMELEAF
  + Spring Boot by using JAVA
  + Bootstrap

### Software Requirement for User -

* Web Browser : Microsoft Edge or others (supports HTML 5, CSS and JAVASCRIPT

## Hardware Requirement Specifications

### Hardware Requirement for development -

* Input Devices - All basic input devices like keyboard, mouse, etc.
* Output Devices - All basic output devices like printer, monitor, etc.
* Secondary storage devices -
  + HDD – 1TB or above.
* Internal components -
  + RAM – 8GB MB (Minimum)
  + Processor - Intel i5 or above

### Hardware requirements for User -

* Input Devices - All basic input devices like keyboard, mouse, etc.
* Output Devices - All basic output devices like printer, monitor, etc.
* Stable and secure Internet connection.

## Modules

* User Registration and Login Module: This module enables users to register an account and log in to the platform to create and manage their portfolios.
* Portfolio Creation Module: This module provides users with a variety of templates and customizable options to create their portfolio pages. It includes features such as adding work experience, education, skills, achievements, and projects.
* Template Customization Module: This module allows users to customize the templates by selecting different layouts, fonts, colors, and backgrounds to match their personal branding.
* CV Download Module: This module enables users to download their CVs in different formats such as PDF, Word, or HTML, making it easy to share their credentials with potential employers or clients.
* Portfolio Sharing Module: This module allows users to share their portfolio pages on social media platforms or via email, increasing their visibility and reaching a broader audience.
* Admin Dashboard Module: This module enables the website administrator to manage the user database, monitor the platform's performance, and respond to user feedback and support request

## Report Generation

Report generation is an important feature of the Portfolio Simulator website that enables users to generate reports about their portfolio pages, including detailed analytics and performance metrics. The following types of reports can be generated:

* Portfolio User Report: This report provides an overview of the user's trying to make their portfolio page.
* Skill and Achievement Report: This report provides insights into the user's skills and achievements, such as the number of endorsements, ratings, and reviews, and the most sought-after skills in the user's industry.
* Project Report: This report provides information about the user's portfolios and resume, including the number of completed portfolios and resume, project timelines, and project outcomes.
* CV Download Report: This report provides data on the number of resume downloaded by users in different formats, such as PDF, Word, or HTML.

By generating these reports, users can gain a better understanding of their portfolio's performance and optimize their pages accordingly. They can also use these reports to showcase their achievements and skills to potential employers or clients.

## Conclusion

The Portfolio Simulator is a powerful tool that enables students and professionals to create a compelling online presence and showcase their work experiences, skills, and achievements. By providing a user-friendly platform with customizable templates and easy-to-use features, the Portfolio Simulator makes it possible for anyone to create a professional-looking portfolio page quickly and efficiently.

Moreover, the ability to download CVs in different formats adds an extra layer of convenience, allowing users to easily share their credentials with potential employers or clients. Overall, the Portfolio Simulator is a valuable resource for those seeking to increase their visibility and enhance their career prospects in the digital age.

As the job market becomes increasingly competitive and reliant on digital technology, the need for a strong online presence has never been greater. Platforms like the Portfolio Simulator offer a solution that meets the needs of both job seekers and employers by providing a standardized and accessible way to showcase one's skills and experiences. It is clear that online portfolios will continue to play an important role in the job market, and the Portfolio Simulator is well-positioned to become a leading platform in this space.

**Gantt Chart (In terms of weeks)**

