**Semester project details**

**Aim**

 People should hike thousands of steps with The Brand Thousand Steps

**PROJECT TITLE**

A Thousand Steps\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A Thousand Steps

**PROJECT TYPE**

**Individual PROJECT**

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**Practical 1**

**To select the project title and assign requirement engineering to the project title.**

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**1.1 DEFINITION:**

Users of the Portfolio Website will be able to view the profile of the designer and developer, as well as the skills he or she is currently working on.

The Portal will provide a platform to different companies for promoting their portfolios.

**1.2 SCOPE:**

The Scope of this website is limited within the company premises.

**1.3 TOOLS AND TECHNOLOGY:**

Front-end Technology: Three.js

Back-end Technology: MySQL

**1.4 HARDWARE AND SOFTWARE REQUIREMENTS:**

1.4.1 Software Requirements:

* Operating System: Windows XP, Windows 7,8,10, Ubuntu, Linux, OS
* Front-end: Online Website making using WordPress, HTML5, CSS, JS, and Three JS
* Back-end: MySQL, PHP
* Technology: Xampp Server

1.4.2 Hardware Requirements:

* Hard-Disk: Up To 512 GB or 1 TB
* Memory: 4GB RAM

**Practical 2**

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To perform the system analysis: Requirement analysis, SRS.**

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**FUNCTIONAL AND NON-FUNCTIONAL REQUIREMENTS**

**2.1 Functional Requirements:**

**2.1.1 Login- Page:**

The portal will provide different login pages for all the users based on their functionalities and characteristics.

**2.1.2 Welcome - Page:**

The Portal will provide a 3-D visualized welcome page that will be creative and highly animated for users at a glance.

 The Portal will direct us to the about-us page or about-me page.

**2.1.3 Profile Pages:**

The portal will contain Profile Information regarding the works of different developers and designers working under the company.

**2.1.4 Works:**

The portal will contain works including:

1. Developer Portfolio (Self Content) and his / her current skills and the skills he/she has expertise in.
2. Designer Portfolio (Self Content) and his / her current skills and the skills he/she has expertise in.

**2.1.5 Contact Us Page:**

The portal will provide a medium of connection with the website for updates to the developer.

**2.2 Functional Requirements:**

**2.2.1 Security (Authentication):-**

The default security authentication and authorization system is based on storing the password and username of the user. It will be stored in encrypted form.

**2.2.2 User Friendly: -**

The main objective of this system is to develop a flexible, user-friendly, and secure bus management system that caters to the needs of users.

**2.2.3 Data Integrity: -**

Use a single source of data, Data validation, Cleaning, and Maintaining regularly

**2.3 Terms and Conditions:**

2.3.1  If the developer won’t update his/her skills within a 6 month time period then, he/she may lose his / her skills profile on the portfolio website.

2.3.2 The Developer won’t be able to enter his/her details until and unless he/she registers or login into the website.

2.3.3 If Developer doesn’t have authentication or is registered to the website , he/she can’t access the website for uploading a portfolio or for promotional purposes.

2.3.4