

Steven Twerdochlib's Projects Portfolio Web Page Project Requirements Specification

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1 Introduction

1.1 Purpose of this Document

This document describes the requirements for the Portfolio Web Page Project and any constraints upon the creation/usage of the project.

1.2 Scope

The requirements specification describes the functions needed to produce a system that enables users to discover the other projects made by or in collaboration with Steven Twerdochlib, as well as his contact information.

1.3 Objectives

The objectives of this document are:

- To describe the background to the Portfolio Web Page Project.
- To provide details of the criteria that the Portfolio Web Page Project product must meet.
- To describe the types of interaction with the system that must be supported.

2 General Description

2.1 Product Perspective

This specification describes a web page that meets the need to show multiple people the variety of projects made by or in collaboration with Steven Twerdochlib, as well as how to get in contact with him. The projects displayed on the web page should provide a downloadable link for an executable file (if applicable), an image of the project's products key components and a description of the projects.

2.2 Product Functions

The product will provide the following features:

- A list of projects created by or with Steven Twerdochlib.
- An image(s), description and downloadable links for files (if applicable), for each project.
- A username and password for admin features.
- The ability to add/edit/delete a project to the website with required information as an admin feature.
- The ability to edit text on the Home Page and Contact Page.
- Send an email to Steven Twerdochlib's email address.
- A Home Page, Project Page and Contact Page.

2.3 User Characteristics

The Portfolio Web Page Project product will be used by employers looking to recruit/hire Steven Twerdochlib for a job and by Steven Twerdochlib when adding to/updating the website.

3 Specific Requirements

3.1 Functional Requirements

FR1 Home, Project and Contact pages created.

The portfolio web page should include a Home page, Project page and Contact page that is easily accessible and interchangeable.

FR2 Display contact information.

The Contact page should display, in text, all necessary contact information of Steven Twerdochlib.

FR3 Display introduction information.

The Home page should display, in text, information about the website and Steven Twerdochlib (except contact information).

FR4 Displaying list of Projects

The Project page should display a list of projects, each project containing:

- A name
- A description
- One or more images
- Links to downloadable files (if applicable)

FR5 Adding Admin Login

The website should allow the user to login to have access to admin features if the login username and password is correct.

FR6 Adding new project

If admin features have been granted, the user should be able to add a new project but must provide the following:

- A name
- A description
- One or more images
- Links to downloadable files (if applicable)

FR7 Editing projects

If admin features have been granted, the user should be able to edit an existing projects name, description, images and/or links on the website.

FR8 Deleting projects

If admin features have been granted, the user should be able to delete an existing project that's on the website.

FR9 Editing text on Home and Contact pages.

If admin features have been granted, the user should be able to update the text on the home and contact pages.

FR10 Sending an email

The user should be able to fill in some textboxes, click a send button and then an email should be sent to Steven Twerdochlib's email address with the inputted text.

3.2 External Interface Requirements

There are no significant external interface requirements.

3.3 Performance Requirements

PR1 Response of program to user input.

Any user input in either program should be appropriately reflected on the screen within one second, provided good internet connection and processing speed.

PR2 Target devices.

The product produced should run correctly on standard Windows PCs and Android mobiles, in Chrome, Internet Explorer and Firefox.

3.4 Design Constraints

DC1 Use of HTML and JavaScript.

The website should be coded in HTML and JavaScript.

DC2 Reuse of existing software.

Use of existing code is encouraged but any taken code has to be referenced in the Final Report.

3.5 Process Requirements

There are no process requirements for this project.

Document History

Version	Date	Changes Made to Document	Changed By
1.0	05/07/2019	Initial Creation	S MW Twerdochlib