Software Requirements Specification

for

Pete’s website

Version 0.5 approved

Prepared by Peter Cykana

NMIT

15/9/2025

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## Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
| Peter Cykana | 08/09/25 | gotta start somewhere | 0.5 |
| Peter Cykana | 15/09/25 | gotta flesh this out | 0.5.1 |

# Introduction

## Purpose

1.1.1 This document outlines the requirements for the Assessment 1 version of Peter Cykana’s portfolio website, current working title WWW.PETE.COM.

## Document Conventions

1.2.1 In this document the primary stakeholder refers to Peter Cykana.

## Intended Audience and Reading Suggestions

1.3.1 This document is meant for the primary stakeholder mostly, as he his still trying to figure this stuff out.

## Product Scope

1.4.1 Current scope is to create a basic outline for a site with a home page, a skills page, projects page, a non-functional contact form, an index page styled to be similar to an index card case, and a charity page to showcase the HTBS Extra Life charity team that also serves as a trial ground for creating a standalone website for the HTBS Extra Life charity team. It will also serve as an experimentation sandbox for Web based development.

## References

n/a

# Overall Description

## Product Perspective

This website is a new product currently intended as a standalone but my get spun off into a proper website for the HTBS charity group. It is mostly self-contained but that will likely change in future iterations.

## Product Functions

2.2.1 Functions

* links between pages
* links to project items from the projects page and skills page
* provides basic overview of the primary stakeholder
* provides basic overview of HTBS extra life Charity team with a link to the Extra-life donation page, hopefully the final version will have a link to the teams’ twitch stream.

## User Classes and Characteristics

2.3.1 For this first iteration there will only be 1 user class as it is a static webpage, and visitors will use it to learn about the primary stakeholder and his charity.

## Operating Environment

2.4.1 Primarily designed for computer web browsers like Firefox and Google Chrome

## Design and Implementation Constraints

2.5.1 I’m going to be really honest here, I barely know what I’m doing.

## User Documentation

n/a

## Assumptions and Dependencies

n/a

# External Interface Requirements

## User Interfaces

(I assume that this is where the wire frames would go if we have them?)

3.1.1 Figma link - <https://www.figma.com/design/n4IbVIqpL5WX8DdGiURhDA/Web-wireframes?node-id=0-1&t=Zc3JTLLShOUg0ykm-1>

(the pictures won’t insert properly and I have no idea why)

## Hardware Interfaces

3.2.1 This product supports personal computers using Firefox and Google Chrome with limited considerations for functionality on mobile devices.

## Software Interfaces

n/a

## Communications Interfaces

3.4.1 a mock contact page to be utilized in other iterations of this project

# System Features

## Nav bar

### Description and Priority

Places links to main pages at the top of each of the main pages

### Stimulus/Response Sequences

Clicking on the links will go to the matching page

### Functional Requirements

REQ-1: “Home” links to the home page

REQ-2: “Skills” links to the skills page

REQ-3: “Projects” links to the projects page

REQ-4: “Charity” links to the charity page

## Footer bar

### Description and Priority

Places links to index and contact at the bottom of all pages

### Stimulus/Response Sequences

Clicking on the links will go to the matching page

### Functional Requirements

REQ-1: “Index” links to the index page

REQ-2: “Contact” links to the contact page

## Index page

### Description and Priority

Taking the name literally, mostly as a goof, and creating an index card box with an index card having links to all main pages.

### Stimulus/Response Sequences

Clicking on the index tab will expand the box/ index card and display the links to the main pages.

### Functional Requirements

REQ-1: use CSS to initially hide the main links until the index tab is clicked.

REQ-2: use CSS to unhide the main links when the index tab is clicked

## Charity Page

### Description and Priority

A charity page with links to external media and the external charity website hosting the donation page.

### 4.1.2 Stimulus/Response Sequences

Clicking on the appropriate links will take you to the appropriate sites

### 4.1.3 Functional Requirements

REQ-1: clicking on the twitch embed will take you to the team’s twitch channel

REQ-2: clicking on the words Extra life in the description title will take you to the extra life team donation page.

## Skills and Project pages

### Description and Priority

These pages will have links to relevant projects on the website itself or on external websites.

### 4.1.2 Stimulus/Response Sequences

Clicking on the appropriate links will take you to the appropriate sites

### 4.1.3 Functional Requirements

REQ-1: clicking on a project/ skill associated project icon will re-direct you to the relevant external project page or to the relevant page of the website itself.

# Other Nonfunctional Requirements

## Performance Requirements

n/a

## Safety Requirements

n/a

## Security Requirements

\*\*security requirements will be addressed in future iterations. until then this is best hosted either in github pages which automatically does https or viewed locally on a user’s device\*\*

## Software Quality Attributes

5.4.1 Site will be designed to be responsive to changes in viewport size, attempts made to have alternate color pallet options.

## Business Rules

n/a

# Other Requirements

n/a

Appendix A: Glossary

n/a

Appendix B: Analysis Models

n/a

Appendix C: To Be Determined List

c.1 Everything for assessment 2 and 3

c.2 Getting the twitch embed to work

c.3 JavaScript stuff.