**Functional Design – Portfolio Website Mustafa Khedoe**

# 1. Introduction

This document outlines the functional design of Mustafa Khedoe’s personal portfolio website. The website aims to showcase Mustafa’s skills, projects, and contact details in a clean and user-friendly interface.

# 2. Purpose of the Website

The portfolio website presents an overview of Mustafa Khedoe’s development work and serves as a point of contact for future collaborators, teachers, and employers. It reflects his progress, passion, and technical capabilities.

# 3. Target Audience

- Potential employers  
- Educators  
- Fellow developers  
- Personal connections

# 4. Key Functionalities

- Interactive welcome screen with a 'Press to Start' button  
- Fixed social media sidebar (LinkedIn, GitHub, Email)  
- Responsive navigation with dropdown for theme selection  
- Downloadable files (CV and Functional Design)  
- Sections: Home, About Me, Projects, Contact  
- Contact form with name, email, and message input  
- Project previews with screenshots and live/demo links

# 5. Themes and Colors

The website supports multiple themes that can be toggled from the navigation bar:

* Classic: Primary: #0d6efd (Bootstrap Blue), Background: #ffffff, Text: #000000
* Dark: Primary: #0d6efd, Background: #000000, Text: #ffffff
* Zelda: Primary: #c4b454 (golden), Background: #1b1b1b, Accent: green highlights
* One Piece: Primary: #ffcc00 (yellow), Background: #001f3f (navy), Accent: red buttons

# 6. Sitemap

Below is the structure of the website:  
  
Home (/)  
│  
├── About Me (#about-me)  
│  
├── Projects (#projects)  
│ ├── Higher Lower  
│ ├── Connect 4  
│ ├── Tic Tac Toe  
│ └── Review Your Experience  
│  
├── Contact (#contact)  
│  
└── Downloads  
 ├── CV  
 └── Functional Design

# 7. Technologies Used

- HTML5 & CSS3 for markup and styling  
- JavaScript for interactivity  
- Bootstrap 5.3.5 for layout and components  
- PHP & MySQL for the review project  
- Hosted on GitHub Pages  
- External assets: Bootstrap Icons, custom CSS/JS

# 8. Responsive Design

The layout adapts to various screen sizes using Bootstrap's responsive grid system. A mobile offcanvas menu is used for navigation on smaller devices.