Software Requirements Specification

for

Portfolio Web Application

Version 1.0

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# Introduction

## Purpose

The main purpose of creating this SRS document is to inform both the end users and the development team about the system requirements including both functional and non- functional as well as describing project goals and scope. The requirements described in this project are used to construct the core components of the system, providing the expected functionalities coming from the users and present a strong base for the UML Diagrams.

## Product Scope

"The Portfolio Web" application is a project that allows the user to be recognized in the business world. The project aims to be simple and useful

# Overall Description

## Product Functions

Because it is a simple web application, the product functions is basic:

1. **Download CV**
2. **Change Language**

## Operating Environment

It is developed for web. Any web browser can bu used to run this application.

# External Interface Requirements

## Hardware Interfaces

The desktop, mobile, tablet devices can be used to access this application if internet connection established

## Software Interfaces

The Portfolio Web Application developed using AngularJS framework. The styles created by SCSS framework for CSS

### **Incoming and Outgoing** Data

The incoming data includes personal information about the person, education, experience, skills, contact information, social accounts. The outgoing data will include the interactions of users visiting the web application during the time they use the application, and statistics about the user. However, since the application does not yet have a server that can process this data, these features cannot be used yet.

## Communications Interfaces

Users can get access to the web application on their device using an internet connection, whether through WIFI or 3G. This application uses Wi-Fi to communicate both Android devices and IOS devices.

# System Features

## Download CV

The user can download cv of site-owner. For now, the CV file is static asset and loaded into web browser, but when server for application is developed, CV file transferred as Buffer to download.

## Change Language

The website has 2 languages, English and Turkish. User can switch between these languages. By default, web site presented as user default browser language

# Other Nonfunctional Requirements

## Performance Requirements

Because it is a web application, performance is crucial aspect for application. To increase

loading speed of web page, assets is compressed, preload techniques is applied.

## Security Requirements

The safety of application is managed by Angular framework by default. It is prevented XSS attacks by sanitizing inserted value into the DOM.

# Design

We mentioned that there are 2 languages ​​in the app. This diagram shows how the app switches between these languages

metin, ekran görüntüsü, çizgi, yazı tipi içeren bir resim

Açıklama otomatik olarak oluşturuldu

Figure 1 Language State Transition Diagram

There are 2 modules and 3 UI Components in the application. The State Module is responsible for state management, while the Translation Module provides language management for the application.

**metin, ekran görüntüsü, yazı tipi, diyagram içeren bir resim

Açıklama otomatik olarak oluşturuldu**

Figure 2 Modular Hierarchy Diagram