

Exercise Planner

Software Requirements Specification

1. Introduction

1.1 Purpose

The purpose of Exercise Planner (EP) is to give users a space to plan out their exercise regimen. Many people use platforms such as YouTube, along with online subscription services such as Barre3 Online to workout at home. While convenient, having exercise videos spread across multiple sites can cost time to find a video to workout to or plan in advance. This is where EP comes in. EP is an online platform where users can schedule their workouts in advance and access the video links in one spot.

1.2 Intended Audience

The target audience for this project are individuals who enjoy exercising at home using the online videos. Individuals who have a desire to access an exercise schedule with the accompanying videos will benefit greatly from this project.

1.3 Intended Use

This project is intended to be used as a middle-man of sorts. EP at its core is a calendar for users to schedule and store the links to their exercise videos. There will be no exercise content created for scheduling. All videos will be accessed through hyperlinks and streamed from third-parties websites.

2. Description

2.1 Technology

The technology that will be used to build this product will be Angular 7 on the client-side, SQL Lite for the database system. The service layer will use a RESTful architecture.

2.2 System Features & Requirements

This will be discussed in UI/Database design documents.