Requirements Document

Club Ex Gym Application

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# Business Requirements

## Introduction

## Statement of Problem or Need

A gym franchise called “Club Ex” would like to expand their customer base by making exercise content available online so that people can work-out from home or from work rather than having to come into the gym. Current gym members will automatically have access to the content, whereas new users can subscribe just to the online content (without having to join up with a full gym membership).

A mobile app or web app is needed to provide these exercise videos to their customers.

## Business Requirement

### List of stakeholders

Internal – Club Ex management

External – New Customers, Current Customers

### Client

Subash Humagain – Club Ex CEO

### List of business requirements

* Current member log-in
* New member create account
  + Choose subscription plan
* Video content
  + Pilates, yoga, boxing, aerobics.
* Metrics / Reviews
  + Track views of each video
  + Customer rating of video
  + stats page that shows the name of the video that was viewed, and how long it was viewed for i.e. a lifetime tally of the workout time

### Quality requirements

Responsive Design – Adjustable to any size device

Search bar - Allow content to be searched using a generic search bar (with drop down suggestions, like Google)

Security – Access Control for database

Simple Navigation, Easy to use interface

List of non-functional requirements, i.e. security requirements and other e.g. quality requirements (e.g. availability, portability)

# Business Solution

## Options considered

* Web app (Django framework), Responsive web design, SQL database, Bootstrap
* Mobile App (Xamarin)

## Recommended Solution

### Solution statement

We will be building a web app using the Django framework. This is the best solution for our business needs because it will be accessible from a computer, tablet or mobile phone.

### Main Features

* Choose subscription plan
* View exercise content (videos)
* User feedback on quality of video content

### Unique value proposition / Justification

*What makes your recommended solution unique?*

*Why do you recommend this one?*

# Solution Requirements

## Context Diagram

## User Roles

## Business Domain Model

*Entity Relationship Diagram*

*Description or Definition of each entity*

## User Stories

*Write user stories for that business process including supporting business processes (e.g. data set up, configuration)*

# Scope

Indicate which requirements you plan to include in the first two iterations. Note that this may change as you advance through the project.

## Iteration 1

User stories

* Current customers can login
* new customers can create an account and choose subscription
* Videos for each type of exercise available to be viewed.

List non-functional requirements

* Create database
* Login security
* User interface for logging in

## Iteration 2

List user stories

* users will be able to search videos from the search bar for different exercises.
* Like or dislike buttons added to videos.

List non-functional requirements

* User can access site from any device, web app will adapt to device size

## Backlog

List explicitly what is not included in the first three iterations

List user stories

List non-functional requirements