

High Level Requirements. Codename: “VirtualExercise”

Summary and Narrative

Described is a platform that connects virtual trainers who want to train people in exercises to virtual members who want to learn new exercises. The platform allows trainers log into the main website and build their profile. Here the trainer can upload a training video from their computer at the push of the button. Upon uploading the video the trainer can pick different properties and attributes of the video from a set of drop down that can categorize the video. An example of this is a trainer can pick the muscle groups the video targets picking something such as “arms” or “biceps”. The categories the trainer can pick from are added via an admin panel that only select admin users have access to. The trainer can also schedule live workout sessions via a simple calendar tool. When scheduling a live stream the trainer has the ability to set the same options as when he uploaded the non-live video. The live training sessions allows a trainer to live stream video from his webcam to multiple members who are online and watching so that the members may follow along with the trainer. The members are able to access the videos on the website once they sign up for a subscription. The user can pick a trial subscription where their payment information is billed only after the trial period is up. Once the user has purchased a subscription they are able to access the features of the website. Upon login the users are able to search for videos from various trainers by picking and choose various filters. Once a video is chosen it takes them to the page which shows the embedded video along with any pertinent information on the video. The user can favorite a video, rate a video, or mark a video as completed. A video can be marked completed multiple times as a user may have watched and “completed” the video multiple times in the same week. The member can click on the trainer of the video and see the profile page of the trainer. The member can see a schedule of upcoming live stream videos which can also be filtered on various search terms. Click a link to these scheduled videos will allow a member to participate in the exercise with the trainer at the scheduled time. Once entered in the live stream video session, A member can choose to enable or disable their camera to prevent the trainer from seeing them. The trainer has a view which shows all the video of those who have allowed their video to be broadcast. A member can connect other accounts (Facebook), update their username and password, fine referral codes and update their billing information from their user settings. Additionally, members can contact and message trainers by clicking on a “message” button in the profile of the trainer.

Detailed Requirements

The following set of requirement describe the currently understood scope of the application. Specific requirements may have a scope that would require its implementation in a future version. Those are called out where applicable. Only v1 is applicable for the first scope. Higher version numbers are there to allow us to know the potential next steps you are planning on taking. This allows us to make design decisions to support your future versions with minimum rework.

Domain	Description	Version	Priority
login	ability for virtual gym member login	v1	high
login	ability for virtual gym trainer to login	v1	high
login	user can sign up using email address	v1	high
login	user can sign up using Facebook	v1	high
login	user can sign up using Google+	v1	high
login	user can sign up using Instagram	v1	low
login	user can sign up using LinkedIn	v2	low
login	user can sign up using Twitter	v1	high
permissions	unique permissions for gym trainer	v1	high
permissions	unique permissions for gym member	v1	high
profile	trainer can fill out a profile	v1	high
profile	trainer can import profile from Facebook	v1	low
profile	trainer can import profile from LinkedIn	v1	low
profile	trainer can attach images to profile	v1	high
profile	trainer can include link Facebook account	v1	high
profile	trainer can include link Instagram account	v1	high
profile	trainer can include link to YouTube account	v1	high
profile	trainer can fill out free form text field about themselves	v1	high
profile	trainer can attach 3 hashtags	v1	low
profile	trainer can include the style of training freeform field	v1	high
profile	trainer can include 3 styles of training	v1	high
profile	trainer profile page includes all videos they have uploaded	v1	high
profile	trainer can include more styles of training	v3	high
profile	member can fill out a profile	v2	high

Domain	Description	Version	Priority
profile	member can import profile from Facebook	v2	low
profile	member can import profile from LinkedIn	v2	low
profile	member can attach images to profile	v2	high
profile	member can include link Facebook account	v2	high
profile	member can include link Instagram account	v2	high
profile	member can include link to YouTube account	v2	high
profile	member can fill out free form text field about themselves	v2	high
profile	member can track progress by taking periodic pictures	v3	high
progress	member pushes button to show completion of the video	v2	low
progress	member profile page includes progress and completion tracking	v2	low
progress	member profile page report charts progress	v2	low
progress	point system and gamification	v2	low
contact	member can contact trainer for session	v1	high
contact	member can initiate contact to trainer for session	v1	high
contact	trainer can not initiate contact to member for session	v1	high
group-video	trainers can broadcast live video to members who can join and watch	v1	low
group-video	members can see username and optional video of member	v1	low
group-video	members can't see other members	v1	high
group-video	trainers can add live video broadcast to schedule	v1	high
group-video	members can see schedule of upcoming live videos	v1	high
group-video	max members on the trainer video is currently 6	v1	low
video	trainer can add YouTube video recording they have made using url	v1	high
video	trainer can add YouTube video via embedded button to RB account	v2	high
video	trainer can add general video via embedded button directly to page	v2	high
video	trainer can specify muscle group tags for video	v1	high
video	trainer can specify calories for video	v1	high
video	trainer can specify exercise type (yoga, football, mma)	v1	high
video	trainer can specify required equipment	v1	high
video	member can search for video based on required equipment	v1	high
video	member can save a video into a favorite list	v1	high
video	trainer can specify fitness level	v1	high
video	member can search for video based on fitness level	v1	high
video	trainer can specify workout goal (fat, muscle, etc)	v1	high
video	member can search for video based on workout goal	v1	high
video	member can search for video based on muscle group	v1	low
video	user can see image of muscle groups based on images	v1	high
video	member can search for video based on calories	v1	high
video	member can search for video based on exercise type	v1	high
video	member can rate video quality	v1	high
video	member can see video quality	v2	high
video	member can specify issue with video when rating is under threshold	v1	low
video	member can search for video based on time uploaded	v2	high
video	member can search for video based on workout time	v1	high
video	member can share video on Facebook	v2	low
tracking	track users through pages	v1	high
tracking	perform automatic analytics of users on pages	v1	low
tracking	review data of users through pages (basic analytics)	v1	high
site-wide	responsive design	v1	high
site-wide	breakpoint based design allowing layout changes	v1	high
site-wide	nested design	v2	high
site-wide	desktop first	v1	high
site-wide	vector based images	v1	low
referral	generate referral code for all users	v1	high
referral	track referral code for user sign up	v1	high
referral	analytics on referral code	v2	high
referral	raw data on referral code	v1	high
referral	allow user to customize referral code	v2	low
referral	referral code field during sign up	v1	high

Domain	Description	Version	Priority
referral	referral code automatically redirects to sign up and auto fill	v2	low
referral	link to amazon products when trying to buy equipment	v2	low
qr code	scanned qr code takes user to video page	v1	high
qr code	scanned qr code requires logged in user	v1	low
qr code	allow site to scan qr code	v1	low
payment	accept reoccurring payment	v1	high
payment	require payment by user	v1	high
payment	accept PayPal as payment method	v1	high
payment	accept visa/mastercard as payment method	v1	high
payment	accept american express as payment method	v1	high
payment	accept bitcoin as payment method	v1	high
payment	accept Amazon as payment method	v2	high
customize	allow subdomains such as for Proctor Gamble	v2	low
customize	allow subdomains to have different graphics/branding	v2	low
admin panel	allows admins to change any properties for the videos upload	v1	high
admin panel	allows admins to remove vidoe content any trainer has uploaded	v1	high

Legend

Domain: The high level component of the app which the requirement is related to.

Description: The detailed description of the requirement for the app in the specified domain.

Version: The version of the app the requirement would be present in. V1 represents the initial version from the high level scope. V2 might describe a few months later after discussing a scope change or amendment.

Priority: The relative importance of the requirement to the app as a whole.

Examples: A requirement with v1 low priority means it would be implemented in v1 (typically mvp) but would have a low importance. This could be used when a requirement would be present in the mvp but it is more of a nice to have vs an absolute necessity. A requirements with v3 high priority means it would be implemented in v3 but would be very important. This could be used when a requirement would be present in the 3rd version but would be extremely important that it is implemented. This can be for features only necessary when an app has more users or in a more mature state.