

High Level Requirements. Codename: “CrossBit”

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. The website also has a “shop” section that allows users to buy equipment that they would need for their workout. The checkout system would include payment processing as well as a tracked referral code discount. This would allow users to generate referral codes and share the referral code via link. Applying a referral code would give discounts as well as allow tracking to occur. When a user shares his referral code and another user uses this referral code successfully. The user would be able to see statistics on how many people have used their referral code via a dashboard. 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
login	ability for virtual gym member login	v1
login	ability for virtual gym trainer to login	v1
login	user can sign up using email address	v1
login	user can sign up using Facebook	v1
login	user can sign up using Google+	v1
login	user can sign up using Instagram	v1
login	user can sign up using LinkedIn	v2
login	user can sign up using Twitter	v1
permissions	unique permissions for gym trainer (ex. can upload video)	v1
permissions	unique permissions for gym member	v1
profile	trainer can fill out a profile	v1
profile	trainer can import profile from Facebook	v1
profile	trainer can import profile from LinkedIn	v1
profile	trainer can attach images to profile	v1
profile	trainer can include link Facebook account	v1
profile	trainer can include link Instagram account	v1
profile	trainer can include link to YouTube account	v1
profile	trainer can fill out free form text field about themselves	v1
profile	trainer can attach 3 hashtags	v1

Domain	Description	Version
profile	trainer can include the style of training freeform field	v1
profile	trainer can include 3 styles of training	v1
profile	trainer profile page includes all videos they have uploaded	v1
profile	trainer can include more styles of training	v3
profile	member can fill out a profile	v2
profile	member can import profile from Facebook	v2
profile	member can import profile from LinkedIn	v2
profile	member can attach images to profile	v2
profile	member can include link Facebook account	v2
profile	member can include link Instagram account	v2
profile	member can include link to YouTube account	v2
profile	member can fill out free form text field about themselves	v2
profile	member can track progress by taking periodic pictures	v3
progress	member pushes button to show completion of the video	v2
progress	member profile page includes progress and completion tracking	v2
progress	member profile page report charts progress	v2
progress	point system and gamification	v2
contact	member can contact trainer for session	v1
contact	member can initiate contact to trainer for session	v1
contact	trainer can not initiate contact to member for session	v1
group-video	trainers can broadcast live video to members who can join and watch	v1
group-video	members can see username and optional video of member	v1
group-video	members can't see other members	v1
group-video	trainers can add live video broadcast to schedule	v1
group-video	members can see schedule of upcoming live videos	v1
group-video	max members on the trainer video is currently 6	v1
video	trainer can add YouTube video recording they have made using url	v2
video	trainer can add YouTube video via embedded button to RB account	v2
video	trainer can directly upload video via embedded button on page	v1
video	trainer can specify muscle group tags for video	v1
video	trainer can specify calories for video	v1
video	trainer can specify exercise type (yoga, football, mma)	v1
video	trainer can specify required equipment	v1
video	member can search for video based on required equipment	v1
video	member can save a video into a favorite list	v1
video	trainer can specify fitness level	v1
video	member can search for video based on fitness level	v1
video	trainer can specify workout goal (fat, muscle, etc)	v1
video	member can search for video based on workout goal	v1
video	member can search for video based on muscle group	v1
video	user can see image of muscle groups based on images	v1
video	member can search for video based on calories	v1
video	member can search for video based on exercise type	v1
video	member can rate video quality (out of 5 stars)	v1
video	member can see video quality rating	v2
video	member has countdown on video page that shows time remaining (large text)	v1
video	member can specify issue with video when rating is under threshold (under 4)	v1
video	member can search for video based on date uploaded	v2
video	member can search for video based on video length	v1
video	member can share video on Facebook	v2
tracking	track users through pages	v1
tracking	perform automatic analytics of users on pages	v1
tracking	review data of users through pages (basic analytics)	v1
site-wide	responsive design	v1
site-wide	breakpoint based design allowing layout changes	v1
site-wide	nested design	v2
site-wide	desktop first	v1
site-wide	vector based images	v1

Domain	Description	Version
referral	generate referral code for all users	v1
referral	track referral code for user sign up	v1
referral	analytics on referral code	v2
referral	raw data on referral code	v1
referral	allow user to customize referral code	v1
referral	referral code field during sign up	v1
referral	referral code field during any purchase	v1
referral	referral code automatically redirects to sign up and auto fill	v2
referral	link to amazon products when trying to buy equipment	v2
referral	dashboard which allows users to see how many other users have used their referral code Dashboard	v1
qr code	scanned qr code takes user to video page	v1
qr code	scanned qr code requires logged in user	v1
qr code	allow site to scan qr code	v1
payment	accept reoccurring payment	v1
payment	require payment by user	v1
payment	accept PayPal as payment method	v1
payment	accept visa/mastercard as payment method	v1
payment	accept american express as payment method	v1
payment	accept bitcoin as payment method	v1
payment	accept Amazon as payment method	v2
customize	allow subdomains such as for Proctor Gamble	v2
customize	allow subdomains to have different graphics/branding	v2
admin panel	allows admins to change any properties(calories, muscle group) for the videos upload	v1
admin panel	allows admins to remove video content any trainer has uploaded	v1

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.

Image Assets

Dashboard

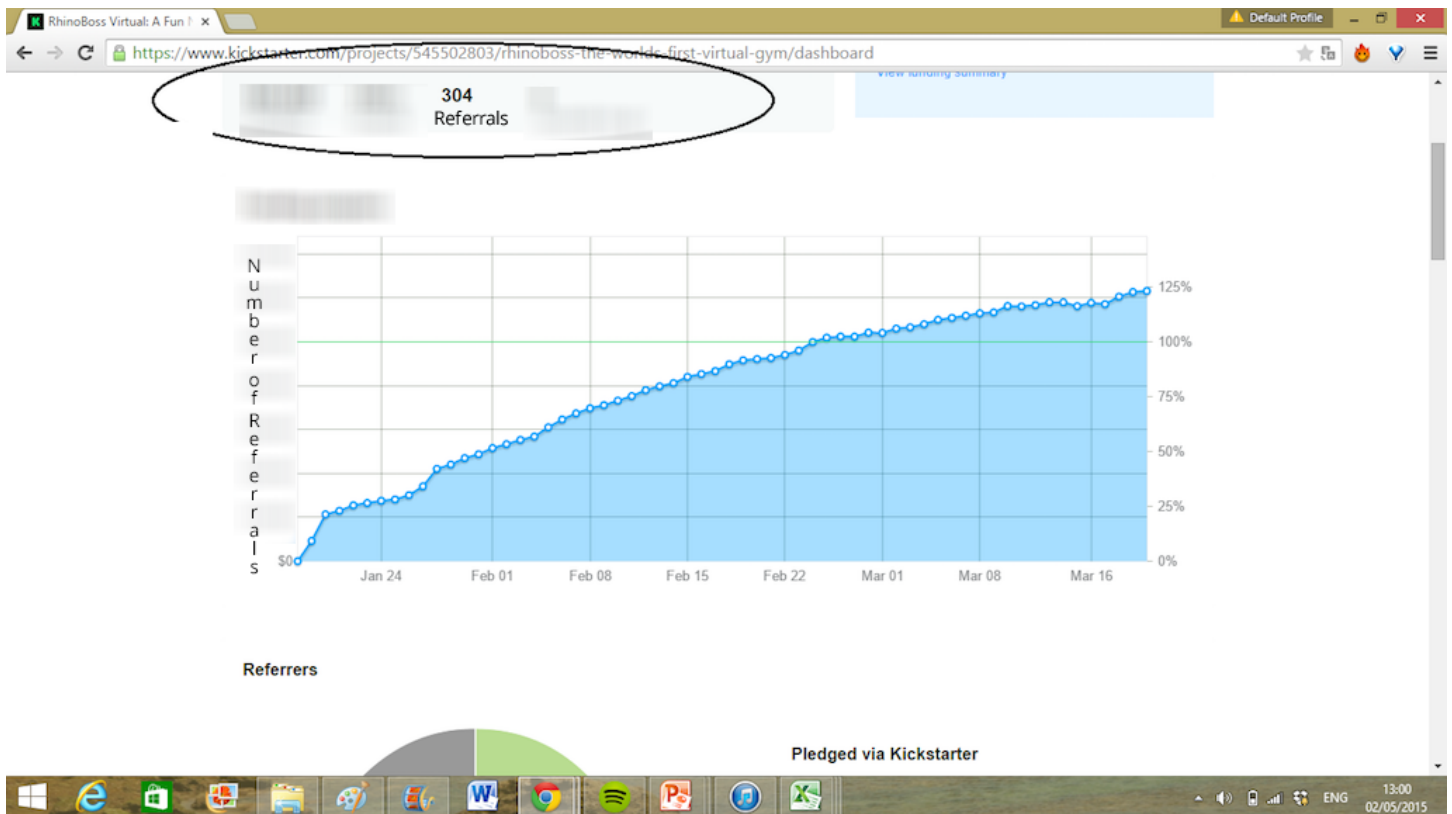


Figure 1: dashboard

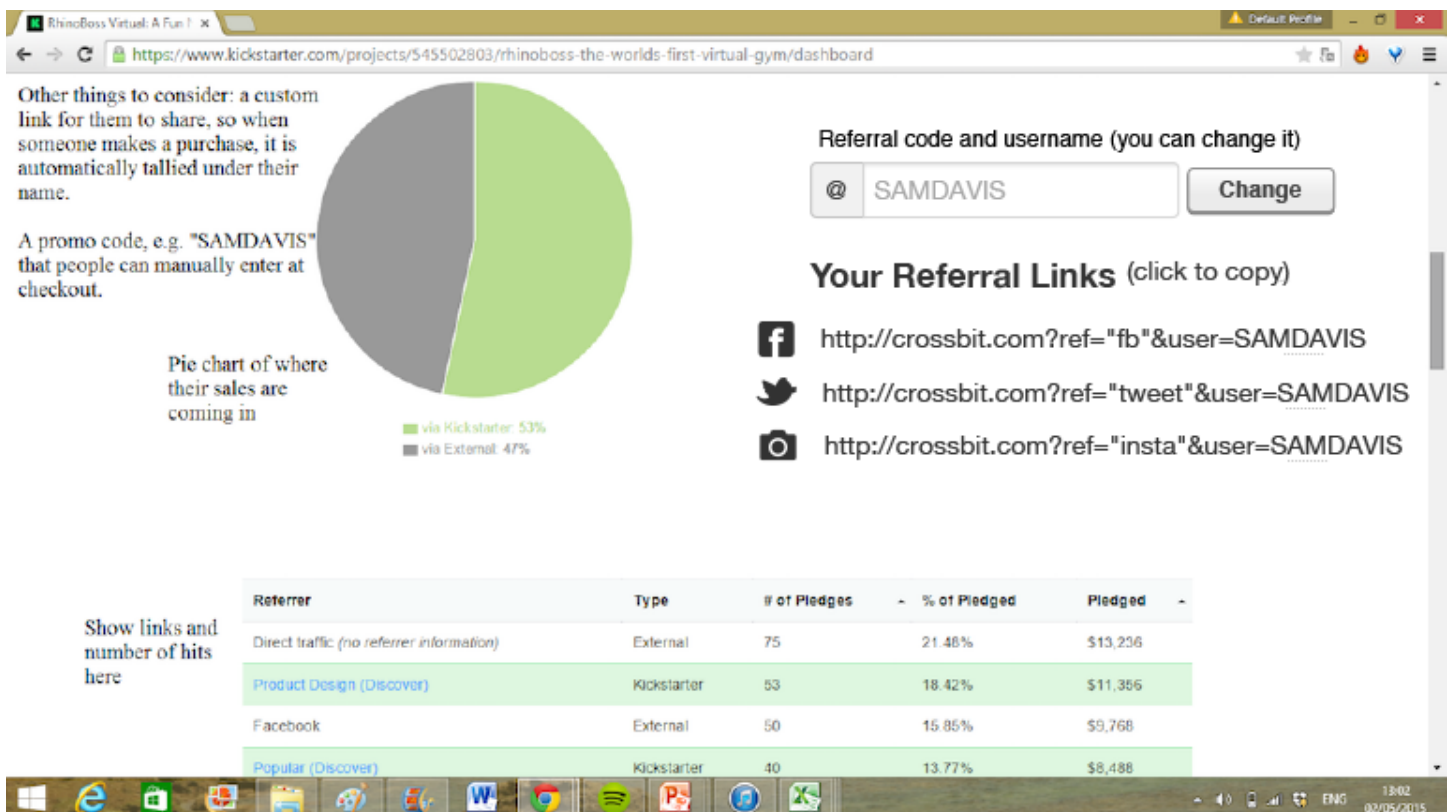


Figure 2: dashboard