

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. 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. Each session requires either a monthly membership to the trainer or requires a single time cost to access either the one-many session or recorded session. The 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	Ver	MVP	App
login	ability for virtual gym member login	v1	x	d
login	ability for virtual gym trainer to login	v1	x	d
login	member asked to sign up right before playing video, not at beginning	v1		d
login	user can sign up using email address	v1	x	d
login	user can sign up using Facebook	v1	x	d
login	user can sign up using Google+	v1		d
login	user can sign up using Instagram	v1		d
login	user can sign up using LinkedIn	v2		
login	user can sign up using Twitter	v1		d
permissions	unique permissions for gym trainer (ex. can upload video)	v1	x	d
permissions	unique permissions for gym member	v1	x	d
profile	trainer can fill out a profile	v1	x	d
profile	trainer can import profile from Facebook	v2		
profile	trainer can import profile from LinkedIn	v2		
profile	trainer can attach images to profile	v1		d
profile	trainer can include link Facebook account	v1		d
profile	trainer can include link Instagram account	v1		d
profile	trainer’s Instagram account automatically populates onto their profile page	v1		d
profile	trainer can fill out free form text field about themselves	v1	x	d
profile	trainer can attach 5 hashtags	v1		d
profile	upcoming trainer scheduled sessions	v1	x	d
profile	trainer can upload ‘intro video’ talking about themselves	v1		d
profile	trainer profile page includes all videos they have uploaded/recorded	v1		d

Domain	Description	Ver	MVP	App
profile	member can fill out credit card information	v1	x	d
profile	member can manage subscriptions	v1	x	d
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	x	d
contact	member can initiate contact to trainer for session	v1	x	d
contact	trainer can not initiate contact to member for session	v1	x	d
calendar	member can see calendar of upcoming events they have scheduled	v1	x	d
calendar	member can see calendar of all upcoming events that they do NOT have scheduled	v1		d
reminder	email reminder for training session that comes up (1 hr reminder)	v1	x	d
reminder	email reminder for upcoming training session is customizable by the trainer	v1		d
reminder	email reminder for training session for favorite trainer	v1		d
reminder	sms reminder for training session that comes up (1 hr reminder)	v1		d
reminder	sms reminder for upcoming training session is customizable by the trainer	v1		d
reminder	sms reminder for training session for favorite trainer	v1		d
live-video	trainers can broadcast live video to members who can join and watch	v1	x	m
live-video	trainers can broadcast live audio members who can join and watch	v1	x	m
live-video	trainers can group stream live video to members who can join and watch	v1	x	m
live-video	trainers can group stream live audio to members	v1	x	m
live-video	members can group stream live audio to trainer	v1	x	m
live-video	members can mute live audio to trainer	v2		m
live-video	members can mute live audio from other members	v2		m
live-video	trainers can 1v1 stream live video to members who can join and watch	v1	x	m
live-video	trainers can 1v1 stream live audio to member	v1	x	m
live-video	members can 1v1 stream live audio to trainer	v1	x	m
live-video	members can 1v1 mute live audio to trainer	v2		m
live-video	trainer can specify the cost to view live video	v1	x	d
calendar	trainers can schedule a video (one to many)	v1	x	d
calendar	trainers can schedule a video (one to group)	v1	x	d
calendar	trainers can offer time slots their are available (1v1)	v1		d
calendar	members can pick time slots their trainer have pre approved (1v1)	v1		d
live-video	trainers can fill in custom information about the video session	v1	x	d
live-video	trainer can schedule member to one-on-one private training session	v1	x	d
live-video	members can see username and optional video of member	v1		m
live-video	members can real-time chat with trainer	v1		m
live-video	members can choose to hide or share their own video with trainer	v1		m
live-video	members can choose to hide or share their own video with other members	v1		m
calendar	trainers can add live video broadcast to schedule	v1	x	d
live-video	max members on the trainer video is currently 6	v1	x	d
video	record live training video into archive under trainer account	v1	x	d
video	delete/manage recorded live training video	v1	x	d
video	trainer can add existing YouTube video recording they have made using url	v2		
video	trainer can add existing YouTube video via embedded button to RB account	v1		d
video	trainer can directly upload video via embedded button on page	v1		d
video	trainer can specify the cost to view individual recorded view	v1		d
video	trainer can specify muscle group tags for video	v1		d
video	trainer can specify calories for video	v1		d

Domain	Description	Ver	MVP	App
video	trainer can specify exercise type (yoga, football, mma)	v1		d
video	trainer can specify required equipment	v1		d
video	trainer can specify open text description for video	v1		d
video	trainer can specify email reminder text for the video	v1		d
video	member can search for video based on required equipment	v1		d
video	member can save a video into a favorite list	v1		d
video	trainer can specify fitness level	v1		d
video	member can search for video based on fitness level	v1		d
video	trainer can specify workout goal (fat, muscle, etc)	v1		d
video	member can search for video based on workout goal	v1		d
video	member can search for video based on muscle group	v1		d
video	user can see image of muscle groups based on video	v1		d
video	member can search for video based on calories	v1		d
video	member can search for video based on exercise type	v1		d
video	member can rate video quality (out of 5 stars)	v1		d
video	member can see video quality rating	v2		
video	member has countdown on video page that shows time remaining (large text)	v2		
video	member can specify issue with video when rating is under threshold (under 4)	v2		
video	member can search for video based on date uploaded	v2		
video	member can search for video based on video length	v2		
video	member can share workout session on Facebook	v1		d
messaging	users can message each other	v1		d
tracking	track users through pages	v1		d
tracking	perform automatic analytics of users on pages	v1		d
tracking	review data of users through pages (basic analytics)	v1		d
site-wide	responsive design	v1		d
site-wide	breakpoint based design allowing layout changes	v1		d
site-wide	nested design	v2		
site-wide	desktop first	v1		d
site-wide	vector based images	v1		d
referral	generate referral code for all users	v1		d
referral	track referral code for user sign up	v1		d
referral	analytics on referral code	v2		
referral	raw data on referral code	v1		d
referral	allow user to customize referral code	v1		d
referral	referral code field during sign up	v1		d
referral	referral code field during any purchase	v1		d
referral	referral code automatically redirects to sign up and auto fill	v1		d
referral	referral code gives discount to person using it	v1		d
referral	link to amazon products when trying to buy equipment	v2		
referral	user gets credit for referring another user that signed up for the platform	v1		d
qr code	scanned qr code takes user to video page	v2		
qr code	scanned qr code requires logged in user	v2		
qr code	allow site to scan qr code	v2		
payment	accept reoccurring payment	v1	x	d
payment	require payment by user	v1	x	d
payment	accept PayPal as payment method	v1	x	d
payment	accept visa/mastercard as payment method	v1	x	d
payment	accept american express as payment method	v1	x	d
payment	accept bitcoin as payment method	v2		
payment	accept Amazon as payment method	v2		
payment	trainer can set monthly price for one-many videos and recorded videos	v1	x	d
payment	trainer can set individual price for one-many video	v1	x	d
payment	trainer can set individual price for recorded video	v1		d
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		d
admin panel	allows admins to remove video content any trainer has uploaded	v1	x	d

Domain	Description	Ver	MVP	App
shop	allows user to purchase physical items from a small shop (5-10 items)	v2		
shop	allows user to attach referral code to purchases on site	v2		
shop	tracks referrals codes and updates user dashboard as referral codes are used	v2		
dashboard	allows user to see graph of how many people have used referral code	v1		d
dashboard	allows user to see graph of where the referral came from (fb, twitter, instagram)	v1		d

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.

App The app used describes which team/app will be responsible for the functionality. Drupal based solution is designated with a 'd' while Meteor based solution is designated with a 'm'

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

Image Assets

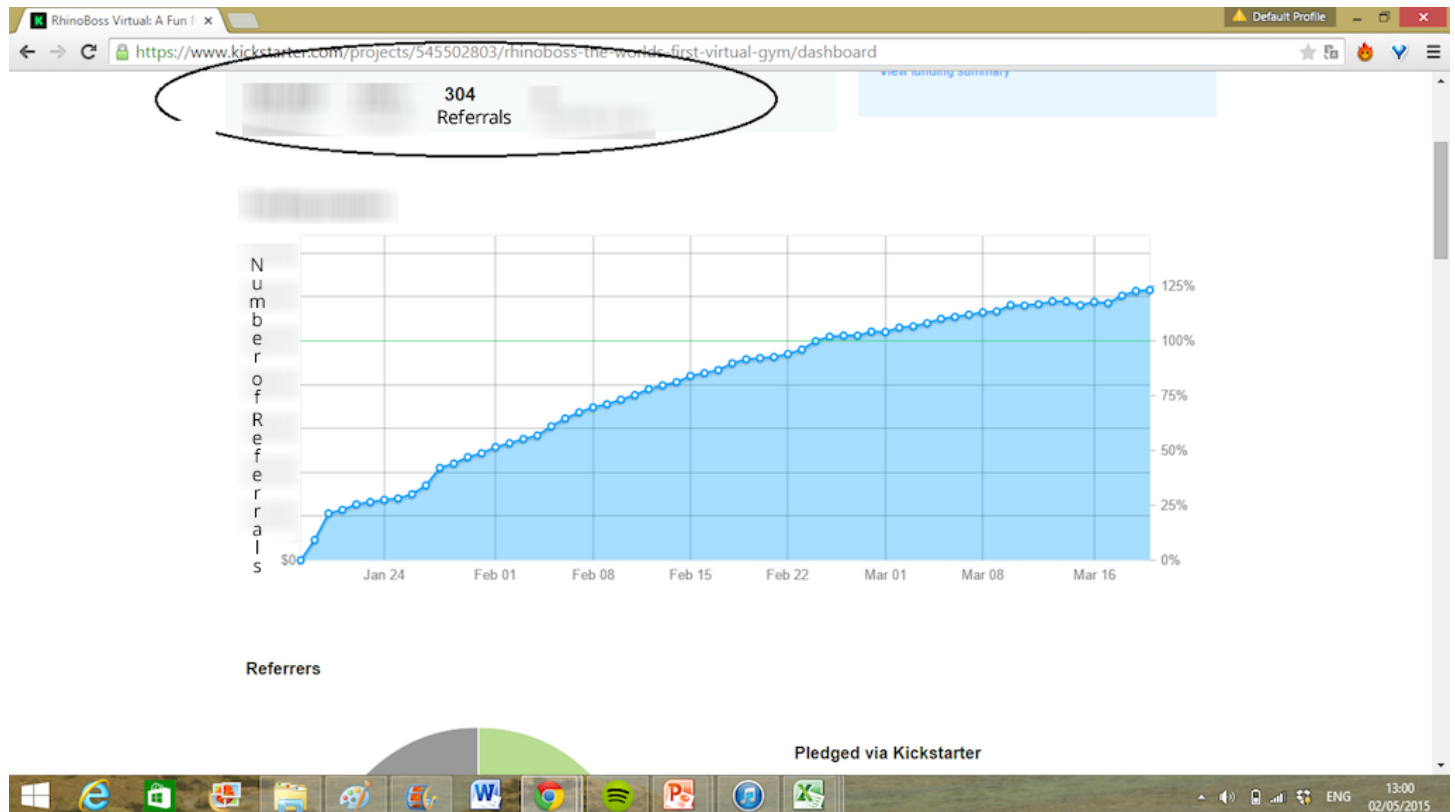


Figure 1: dashboard

Dashboard

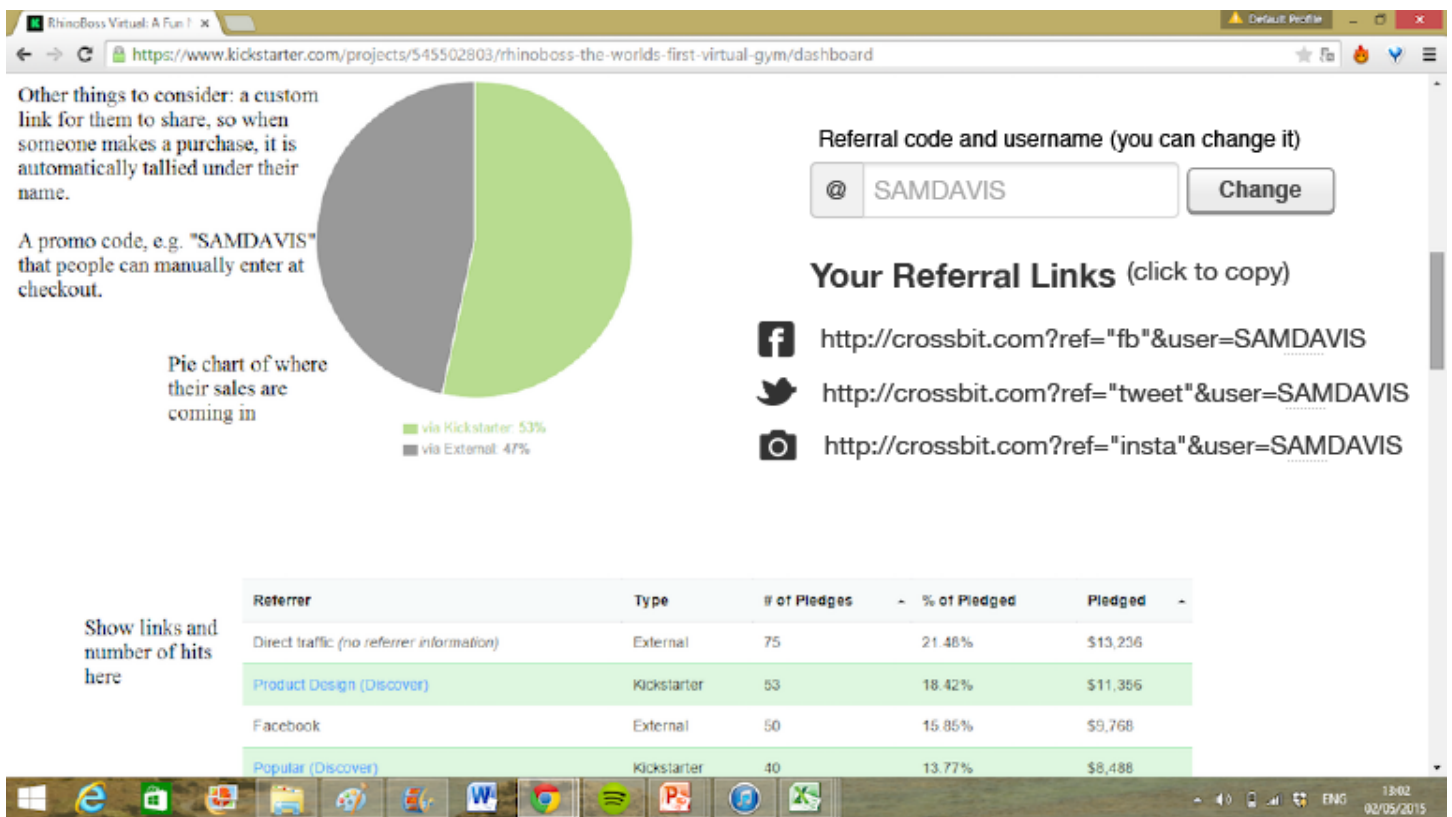


Figure 2: dashboard