

## **Main stages of project development**

### **0) Create Software Requirement Specification(SRS)**

Discuss and negotiate project plan. Create page prototypes. Create full pages list. Create project sitemap. Create description for UI behaviours.

### **1) Create set of tasks**

Main setup(project, code repository, milestone deadlines, etc) Setup staging server. Discuss email notifications provider.

### **2) Project Start**

By the end of this stage, we'll have project with created first working version of database, created different user roles, main functionality like add/edit/delete entities - done.

Build working version, without design, without titles. A lot of simple pages with forms(later will be combined to one pages). This will be easy to create and easy to test.

Database with data(trainers, activity) must be imported from the start.

### **3) Middle stage.**

By the end will be completed admin and trainer database logic. After this stage database cannot have complex adjustments.

### **4) 70% completed stage.**

Completed professional side. Payments gateways enabled. Appointments and meal planning functionality.

### **5) Testing, debugging, bug fixing.**

On this stage our main task - try to find bugs, using different ways of testing. And fix it. Main goals: registrations, food search, meal planning, payments, emails.

### **6) Add styles to worked well project. Create and apply email templates styles.**

### **9) Bug fixes, speed testing, test on different devices, etc.**

### **10) After launch part. Custom design stage. Created UX by experienced designer**

### **11) Convert design to HTML for each page**

### **12) Implementation HTML to worked project**

Add js features, like modals, graphs, animations, inline edit plugins. Remove or hide(read disable on stable version) small unnecessary pages required to forms development, functionality testing.

Project will have a high level of security. For user accounts we'll setup RBAC authentication system.

### **How i'll build this project.**

Firstly i'll create and describe all step-by-step tasks, which we'll need to cover during this project. Don't forget to ask and get answers from client.

Create list of all necessary pages.

Describe any page(view) in details(design, elements, functionality, etc.).

Describe all forms, which must be on project.

Describe all email notifications, which must be created on project.

Project will have 3 main roles with different dashboards, pages: User, Trainer, Admin

First trainers and users can be imported to database.

I've experience with project, related to event systems. It was a calendar website with incoming events, related to Europe United politics. It have filtration by types, categories, dates, etc.

I think the best(read fast) it will be start from events. This events will be displayed on your website.

This is not what you want most, but using this way you'll start to grow your website, you'll attract first users. You'll be able to store user emails.

Then you'll have ability send newsletters after event finished with rating functionality. So you'll start to store locations, ratings, user data.

If we'll go by my plan - you'll be able to launch first part with events in 1 month. You also start to understand how to manage this project, you'll need to search events and add them to database.

### **Booking functionality, please check in other document.**

For booking we'll have 3 working options.

- 1) Inner users, they'll search events inside your network
- 2) Personal advertising from trainers - users will go to your network from trainer. Will be got to have a outer place for trainer profile.
- 3) People, who train with trainer on daily basis and trainer decide to move them to your system because it more manageable

It will be like small sub-project on your application

## **Forms**

Users:

- ~ registration
- ~ forgot password form
- ~ contact us form
  - Name
  - Email
  - Subject
  - Message
- ~ login form
  - Email
  - Password
- ~ update photo profile
- ~ search by friends
- ~ system preferences
- ~ checkout card information
- ~ billing information

## **Admin**

- ~ edit user
- ~ trainer management
- ~ event management

## **Email templates(additional document)**

invite to events  
invite to friends  
weekly newsletter  
invite to groups

## **Pages(views) list**

### **Front pages**

- Home
  - Terms
  - Privacy
  - Contact
  - FAQ
  - Refund policy
  - Blog
  - Sign in
  - Sign up
  - Retrieve Password
  - Support
  - Blog Article
  - 404 page
  - 500 page and other error pages
  - Pick your type of training page
- 
- Events list by town. Apply to event

### **Admin pages**

- Blog(editor)
- 
- User management, trainer management
    - Edit
    - Add ability to see users, related to trainer
  - Orders
  - Event Management
  - Support, contact messages(maybe)
- 
- Website content and settings
  - Main dashboard page, with necessary information
  - Payments, Orders

### **Trainer pages**

- Dashboard
- Profile
- Subscription
  - Checkout
  - Thank you page - after payment
- Logout
- Sign up user
  
- Schedule Training Appointment
  - Add appointment
  - Edit appointment
  - Cancel
- Manage(Create/Edit/View)
- Trainer profile
- Activities
- Schedule calendar
- User list related to trainer
  
- Events
- Ratings
- Manage(Edit/Delete)
  - Information (complex)
  - Appointments (complex)
    - Next appointment
    - Finish appointment

### **Member profile**

- Image
- First name, last name
- Friend list
- Chat
- About
  
- Trainings
- Events
- Training/Events calendar(display trainings, events, past and future)
- Users to follow(after entering interests,town) - users list filtered by towns/interests with button follow.

- Events list by town

### **DB entities**

- Appointment
- Events
- Activities( can be single, can be multiple. )
- Trainer/User profiles
- Reviews( id, type, score )
- Rewards( reward list, single reward, user rewards, scoreboards )

### **Questions**

- Do you need fitness trackers integrations?
- Do you need alerts or timers?
- Do you need to setup newsletter?
- Can one user belong to a few different trainer?
- Can different trainers belong to one fitness center?
- If one trainer is ill, can he move user appointment to another trainer?
- Can trainer create a new user?
- Can you give me more details for activities/rewards logic.
- Can I delete user? All stored user data erased?
- Enable cookies?
- When appointment was successfully scheduled - do we need to send email for professional mail address, after appointment submit? Integration with Google Calendar, iCal, Yahoo Calendar?
- Do you need affiliate system? So for friend invites you can give gifts.
- Do you want to have advertising or promotion things? So default trainings cost \$x but special offers have discount 20%.
- Do we need to store information for each users, but please explain what information must be.
- I saw screens of your application. Do you have completed app design or this was an example?
- Chat must be 1-to-1 or you want to have more custom functionality?
- How do you will handle support? Will you have helpdesk where I'll be able to read some information and solve my problems with your project.
- Do you need to have recurring events? If yes, you'll need to use Stripe payment gateway.
- Do you want to import friends from social networks?

- Only adults will participate on your events? Or childrens too? If you want to train children - how you'll check that trainer have a special education? Do you want to have some verification process?

Trainer related questions.

- How payments will be handled? On event place or via application?
- How you want to store client money?
- How you'll handle money back situations?
- How you'll send money to trainers?

### **Project management tasks**

get emails of all project members.

setup accounts on bitbucket if needed.

Choose project management software

Setup time logging

Setup wiki pages

Setup credentials page

Create page with all page links for testing

Create all tasks. Split tasks on sprints

Local project setup

Setup project on client environment

### **Testing**

Test email notifications

Test payments on livesite

Test each form(required fields)

### **Features**

Competition (by types, by cities, by states, by country)

Community search

Search by place, by interests.

Filtration by: age, sex, workout skills( new, few times per week, few years of trainings, pro/trainer )

Training type( bike, running, basketball, swimming, soccer, baseball, tennis, box, gym / workout )

## Get info

- Get content for terms and privacy
- Faq section. Setup a default questions and complete it with answers.
- Content for 404, 500 or use default templates
- Access to hosting

## Notes

Using a right approach while architecture created - will save time on later project stages.  
Countries - setup an address book database extension.

- Big question about activity and what do you want to put on this term. Please describe me about activity. If i run 30 minutes - this is activity? How this can be compared with other activities. What is better - 4 hours on bike or run 1 hour. And how this can be counted.
- I think you want to add gamification to your application. This is cool and motivate your users move forward. I know few startups, that give ability to create list of rewards, scores, score boards. I think you need to create a list of rewards and share with me
- We need to discuss what will be included at trainer profile. Biography? Study place? Do we need to display results, accomplishments. Do we need to display certificates, completed trainings. I can create something, but want to hear your thoughts.
- Add rating to trainer functionality. Send notifications to event participators after event finished. Will be generated a custom link using user\_id and event\_id. This will prevent fake submissions. You can rate event, facility, and see a friend list.
- Do we need to have functionality for money back, for setting a bad review for trainer? Can user send a complaint and trainer can send appear?
- You mentioned, "agencies, businesses". You want to create accounts for fitness centers with trainers inside them?



- It will be cool to have place related to food. So trainer can track my food and control what I'm eat if I have a weight loss goal.
- When I got an invite to event - I need to receive email or push notification.
- If you'll have payments, you'll need to store billing address, send invoices, store orders in order history.

**Ideas**

I propose to import data from Apple iHealth or Apple Watches.