



PROPOSAL FOR LIVEFITLIFE WEBSITE AND MOBILE APP Version 3.0

Abstract

Initial Proposal for the defining the updates on the website and mobile app development

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Acknowledgement

Dear **Mr. Vikash Kasinathan**,

TechConfer Technologies is pleased to submit a proposal for the design and development of your concept into a Website and Android App for your Portal **livefitlife.in**. Hope this document help both of us to be on the same page of understanding for the development of the concept.

Thanks for your business.

Warm Regards
Sales & Marketing Team
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Confidential

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Introduction:

This project proposal is for the design and development of an Android App and Web backend which is new app along with the modification in the existing website as documented by the Client and his team. The App will be developed for the native android platform.

This proposal shares the Information/Knowledge that has been receive by the TechConfer Software development team through provided documentations and regular discussion with the Client & his team.

The Documentation also shares the Information about the Time Frame and Cost projection that will be involved in the Complete project.

Objective:

The objective of the project is to provide clients for the **LiveFitLife** better user interaction on the website and a mobile app to access the online training and membership provided by the **LiveFitLife team**.

This document will help both the development team and client to understand the key features and flow of the application along with the development milestone that needs to fulfil for the phase launches of the application.

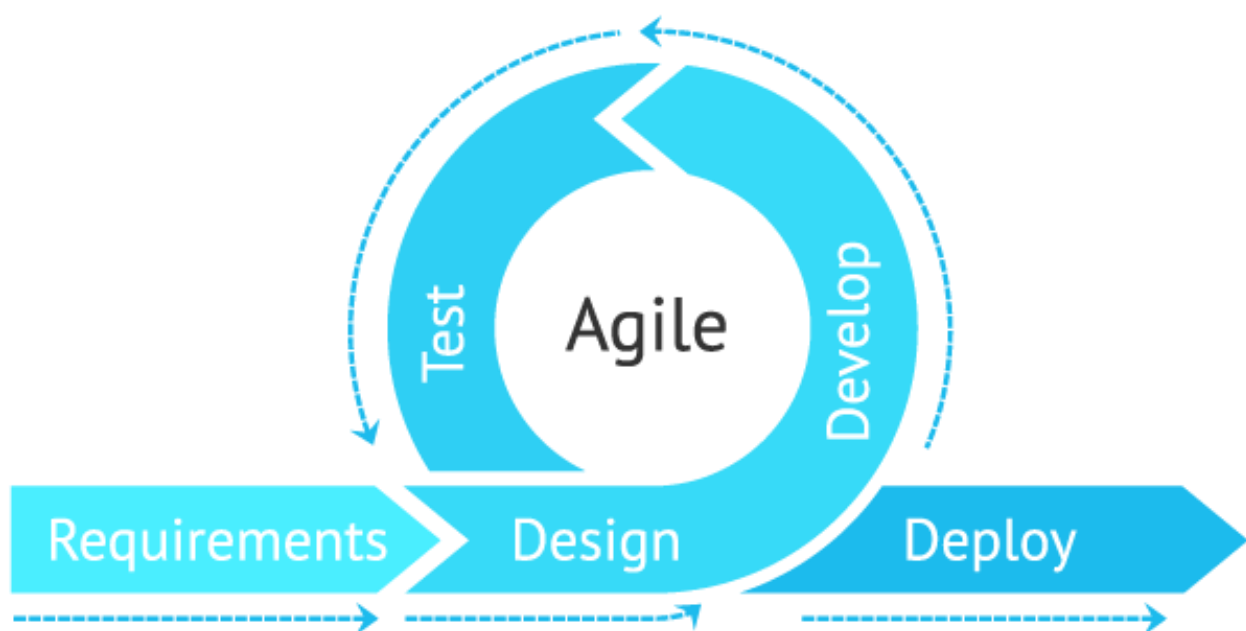
The Coding Standard

Keeping up with the standard to deliver application we will be following the Coding standard. for the development of web backend, we will be using PSR coding standards for the development which will make the future transitions or upgrade easy for any new developer.

For Android development, the Coding standard will be as per the Guidelines provided by Android studio which follows the latest standard guidelines for the Native Android app development.

Development Approach:

We follow different SDLC models based on the requirement of the project. As per our initial analysis and discussion with the client, we will follow an Agile Scrum for the development of this project. As the client inputs, there will be little next to none changes that will be involved in the project until the next phase.



Project Life Cycle:

The Life cycle for this project will contain four crucial phases for the development of the application.

User Interface and Database Designing

In this phase, we will discuss and define the project inputs from the clients. For which confirmation will be provided by the client to mark go-ahead to move to the next phase of the project life cycle

Logic Implementation and Development

In this phase, the development team will take forward the instructions and approval provided by the client to mark the initiation of the development based on the verified information by the client.

Deployment and Testing

In this phase, the completed project is deployed on the live server and the client and QA team will review the project with the objective of the project before moving the project to live.

Maintenance and Support

In this phase, our team will keep up the support after the project goes live for a fixed tenure to make sure the project does not have any show stopper bugs after the deployment which can cause an issue with the client.

The support does not include any new development or modification that can make any changes to the existing features of the application.

The Client should understand that this is not going to be a Dedicated support so, he must request the team for their engagement in advance to fix any issue so, the team can give their time for the development. The issue will be resolved as its was occurred but it must be bug not any new requirement and it should be from the supported range of Android API for genuine bug we will resolve it ASAP.

Project Brief:

Fresh Website:

The Current website which is live at <https://livefitlife.in> is designed and developed on the Bootstrap platform. Thus, we need to create a fresh new website for the brand along with the Admin backend for content management system. The new website will help bring the best of Live Fit Life platform and allow users to view all the offering that the company has to offer.

Mobile App Features:

Registrations/SignUp: The User will get started with the registration to the mobile app platform while using OTP verification.

Leader Board: The user will be able to see his/her progress compare to the other over the leader board screen which will display the list of participants and other people from the similar training programme.

User Profile: The user will be able to provide and update the details on this screen for the admin to help them with the accurate diet and training programme.

- Photo
- Name, Age, Height, Weight
- Goal, Start date,
- Starting weight
- Blood group,

- Medical history
- Residence Address
- Contact number

Workout Videos: The user will be browse through the workout videos for him as per his/her workout levels.

Diet Program: User will request for the diet plans as per his/her current profile and interest which will then be accessible to him via the platform as a PDF which he can download.

Progress Update: User will be able to share his/her Bi monthly progress while filling a specifically design form which then be assessed by their professional trainer and feedback will be provided to them.

Scheduler: User will be able to schedule his training programme along with the diet plans over the scheduler which will be shared with their trainer. **For E.g.** If a user plan for his training schedule and chose the days he/she want to attend the virtual training instead of offline training. Also, they can plan for the offline trainings along with the Test with trainers, diet schedules, etc.

Book Classes: A new user of the platform can book for their free trial classes from the platform which can help them to understand the best workout plans for them.

Membership: New User can view the membership plans offered by the platform and the user can now make the payments through the app via the payment gateway.

Payment Gateway: The Payment Gateway will be integrated for the payments done by the users for the membership.

Notifications: Push notifications will be available on the platform for the user to get notified for important events in relevant to their profiles, Memberships, Workout schedules and updates from the platform.

Trainer Dashboard:

The section of the web front will be dedicated to the Trainers who will be the official part of the **LiveFitLife** (LFL). LFL will do the registration for the Trainer and share the Login and password to the trainer dashboard to the trainers. Below listed will be the key features of their dashboard.

Profile Management: The feature allows Trainers to manage their profiles on the platform and share the details with regards to their expertise, training programme and experience.

Client Management: The Feature will showcase the list of clients assigned to the trainer by LFL platform so, they will have the access to the client profile and share their feedback directly to them during their programme.

Scheduler: The Feature will help the trainer to view, edit, and list their availability for training schedules as per their calendar dates. This will also help them to follow and update their sessions according to their personal schedules. This scheduler also concurs with the LFL admin to see the Trainer availability.

Profile Gallery: The Feature allow Trainer to upload images and videos of their clients to showcase in their profiles for the other users to view.

Message Box: The Feature will allow trainer to communicate with the admin of the LFL platform for any queries and support.

Notifications: The Features will allow user to see the notification he/she has received over the LFL platform

Web Backend Features:

This will be the administrative backend of the system that will help the admin control the flow of the information on the backend also, allowing them to have a better understanding of the performance of the platform based on the reports generated based on the key attributes of the system. Some of the key features that are going to be covered in the first phase of the development are.

User management: This feature allows the admin to manage and maintain the users based on their access roles on the platform which will make them control the information on the system. Some of the key roles like

- Super Admin
- Admin

Client Profile Management: The Admin will be able to list of clients and also view their individual profile for their progress updates, workout plans, schedules and diet plans they will be following.

Trainer Profile Management: The Admin will be able to create, edit and delete trainer profiles and assign them clients through this module and communicate to one on one or all the trainer in the platform.

Reports management: The feature will allow the admin to control and generate the reports based on certain attributes like Clients, Trainer, Videos, etc.

Notification Management: The Admin can view and assign notification to their relevant categories which will be visible to the clients on their App.

Content management: The feature allows the admin to add, update and delete content and images on the webpages and content blocks across the website and Mobile app.

Feedback Management: The feature allows admin to view the feedback for their application provided by the users and share their reply.

Booking Management: The feature allows admin to view the bookings request made by the clients and approve and reject them as per the trainer's availability.

Support: The feature allows admin to view the queries raised by the users for the support and reach out to them over the defined medium.

Project Modules:

User Interface Design

The Mobile App screens will be designed as per the latest user experience which will allow minimizing the efforts for the user and help them with the flow of the application. The web application will be cross-browser compatible and responsive allowing the maximum reach through various platforms.

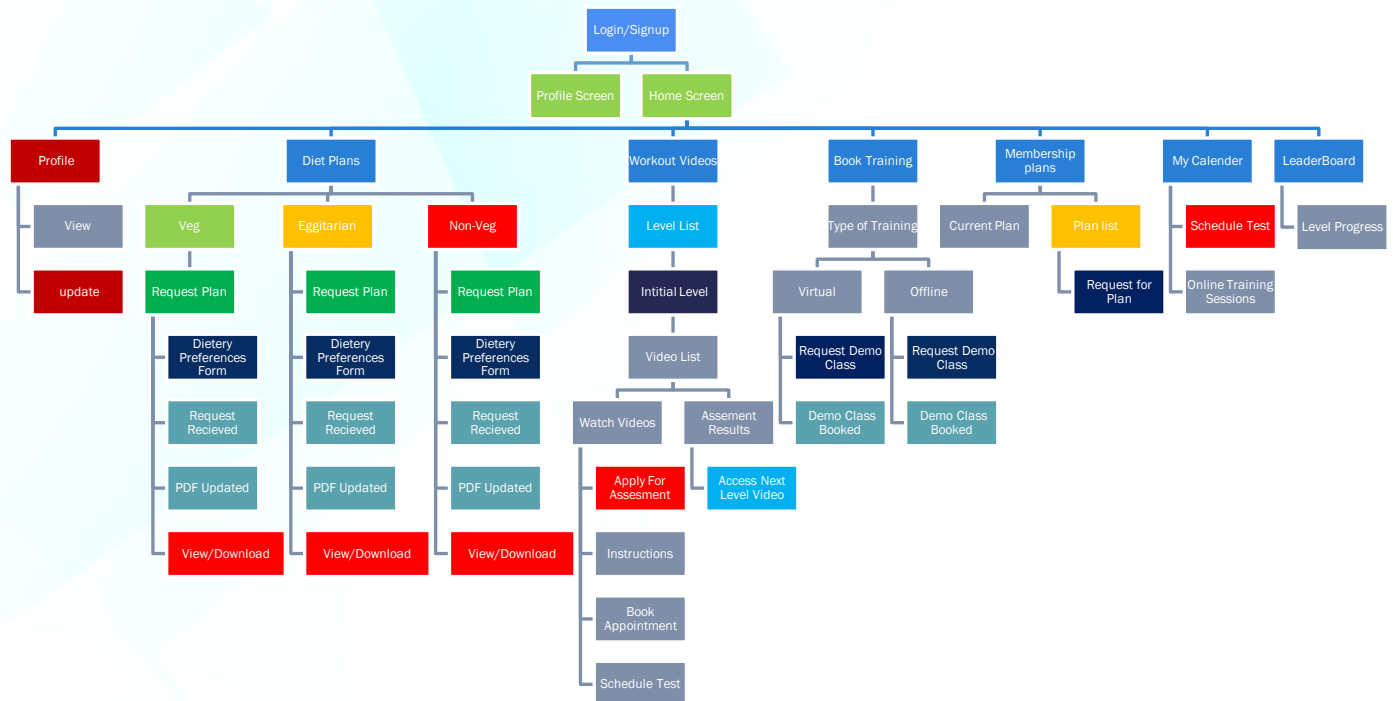
Database Design

The database structure will be a relational database allowing the maximum output and processing speed and enabling the development team for future possibilities.

Platform Features

Modules	Key features	Sub Features
Mobile Application	User Screen Dashboard	Splash Screen
		Login/Registration
		Workout Profile
		Leader board
		Diet plans
		Scheduler
		Workout Videos
		Workout Progress
		Membership Plans
		Payment Gateway
		Book Classes
		Notifications
		Logout
	Information Screens	
		Tutorial Screens
		Feedbacks
		Terms & Conditions
		Privacy Policy's
		Contact us
Web Frontend	Website	Home Page
		About Us
		Activities
		Classes/Packages
		Contact Us
	Trainer Dashboard	
		Trainer Login
		Clients Management
		Scheduler
		Profile
		Messages Box
		Profile Gallery
		Notifications
Web Backend	Admin Dashboard	
		User Management
		Client Profile Management
		Trainer Profile Management
		Notification Management
		Content Management
		Feedback Management
		Reports Management
		Booking Management
		Supports

Basic flow of the App



Technology & Performance

The development environment will be used for developing and testing future releases of the application. The version of the application deployed in the development environment will not be available to the end users and will be accessible only to the developers.

The development environment will also serve as the staging/QA environment for subsequent releases of the application but will not be used for any performance related testing since the server configurations in the development environment are not intended to replicate the production environment and thus will not give an accurate measure of how the application would perform in the production environment.

Technology Stack Software Product

- Database Server
- Development Environment
- PHP/Laravel/JavaScript/MySQL/WordPress
- React Native/Java/Android

The Assumptions

This section defines the assumption taken by the team for the development.

- All the data will be provided by client.
- For Web Development if require we will suggest for are designing of the website.
- For any calculation (If any) in the application client will provide the equations for them to the developer.
- App will work only with working data connection (Mobile/Wi-Fi) as all
- Design will be prepared by our graphic designer with some android specific UI components and will be discussed with the client.
- The design need to approved by the client and submitted to the development team first before the development begins.
- In the case of any change in current requirements it will affect Time/Efforts and new delivery time will be shared with the Client.
- Design time may increase if client goes with complex design elements. (Final Development timings will be shared after client finalizes the design.)
- The App will support the Android version from 6.0 to 10.0 (current stable version) but below 6.0 android API are old and out dated and it will not work as per project requirement.
- The App will work on the Android Mobile devices.
- All the development will be done on the Our development server.
- Any paid API or services will be provided by client.
- We will share the APK file to client to test the app.
- Client will be sharing any specific Test scenario which he/she want to approved before deployment.
- Google play store account will be provided by client for the deployment of the app.

Pre-Requisite

These are the basic requirement for the project that need to be provided by the client for successful delivery and executions of the project.

Main	Suggestions
Web Server for Web admin backend	Prefer Cloud Server for Fast execution
Google Playstore Developer Account	For Publishing the Android App
Twilio API	For Live Streaming with the App
SSL Certificate	From Hosting Provider
Payment Gateway API	For Integration in the APP
Paid API	For Any 3 rd Party Integration in the App

Time and Cost

Job	Duration	Project Cost (PC) (Rs.)*
Design and Development	55 Working Days	Rs. 1,23,000.00 INR
Additional Development (CR)	45 Working Days	Rs. 1,60,000.00 INR
	Total Project Cost (TPC)	Rs. 2,83,000.00 INR *

***Government Taxes will be applicable and added separately**

Milestone Breakup

Milestone	Percentage	Total cost (Rs.)*
Milestone - 1	25% of PC (O)	Rs. 30,750.00 INR
Milestone - 2	25% of PC (O)	Rs. 30,750.00 INR
Milestone - 3	25% of TPC (N)	TBD
Milestone - 4	25% of TPC (N)	TBD
*Government Taxes will be applicable and added separately		

Abbreviations

S.No.	Abbreviations	Define
1.	CR	Change Request
2.	TBD	To Be Defined During Later Stages
3.	(O)	Old Milestone
4.	(N)	New Milestone
5.	TPC	Total Project Cost
6.	PC	Project Cost
7.	LFL	Live Fit Life

Project Timeline and Milestone plan

S.No.	Key Modules	Description	Timeline
1.	Project Discussion		4 Working Days
	Team Assignment		
	Project Start-up Meeting		
	Technical Assessment		
	Project Calendar		
	Invoicing		
Milestone - 1			
1	Database design		TBD Working Days
	Platform Architecture		
	UI/UX Design		
	Technical Review		
	Client Review		
	Invoicing		
Milestone - 2			
	Website Theme		TBD Working Days
	Website Development		
	User Testing		
	Client Review & Feedback		
	Feedback Updates		
	Live Server Deployment		
	Invoicing		
Milestone -3			
	Web Back End Development		TBD Working Days
	Database Integration		
	Mobile App		
	API Development		
	Unit Testing		
	Project Manager Review		
	Client Review & Feedback		
	Feedback Updates		TBD Working Days
	Responsive Design		
	Project Manager Review		
	User Acceptance Testing		
	Test Server deployment		
	Invoicing		
Milestone - 4			
	Live Server Testing		TBD Working Days
	Mobile App Testing		
	Feedback Updates		
	Web Platform Live		
	Support Tenure	For 35 Days	

The Team

As the development of the project is divided into different teams with each team headed by a Team lead who will be supervised by the project manager who will then coordinate with the Product owner for the update.

- Project Manager: Design Team + Web Team+ Mobile Team
- Designer Team: Graphic Designer + UI (Mobile) Designer
- Web Team: Web Designer + Web Developer
- Mobile Team: Android Developer + API Developer + Tester

The Communication Channel

We believe Communication is the key to making a project a success so, our Team and Project manager will be available for communication on all the business days.

We prefer Communication through Skype, Phone & email. For the project management tool, we recommend Trello, however, we are open for any other project management tool like, Asana, Jira, etc.

The Support Tenure

The After-development support tenure of **35 Days** will initiate after the deployment of the APK on the Google play store. For support a single point of contact will be always there for the Client so, he can share the issue that might occur with existing code which will be resolve by the development team. No New development will be considered in Support. After the Support tenure is over client can go for annual maintenance contract.

The Terms & Conditions

The project is Crucial to both the teams and as per the discussion on grounds of delivery these are the terms and Conditions for the project.

- The Development Timeline will be initiated once the UI designs are finalized from the client in a written approval (email) for the development with the design.
- All the Assumptions are approved by the client for the job.
- The timeline can be affected if there any issue/bugs come into notice during the development and the team will intimate the information to the client for approving the change in the delivery timeline.
- After deployment on the Google play live the support will be initiate and the issue will come under support.
- No Data entry will be done by the development team. We will only provide the initial training if necessary for client to understand the flow of platform and working.
- The Live server transfer will be made after the last milestone has been released.
- Any change in the existing scope of work will affect the timeline and project cost and will be billed separately from the existing invoice.
- If any case client wants to dissolves the contract with the development team he need to inform the development team in advance with specific reason in week advance notice.
- Milestone payments will be non-refundable in case of project closes for any seen and foreseeable reasons.
- Annual Maintenance Contract will be defined, shared and billed separately with the client.

The Approval

For the approval of this document the Client need to send in a confirmation mail with stating that he approves all the features along with the terms and conditions mentioned in the proposal for the project. Once the approval mail received by the Sales team the project initiation will execute after the initial invoice is cleared by the client.

Thanks

Thanks for sharing this opportunity and looking forward to initiate the job as soon as possible.