Dating Sport
Specifications - Version 1

Introduction :

The project consists in developing a mobile app in order to motivate people go to gym, the app will provide challenges depending on their sport club in order to add a motivation source.

System will be based on a points and rewards system.

Depending on profile informations and person availability (provided beforehand), the system will propose challenges and time windows.

System will embed a schedule system.

A pro space will be provided to coaches, allowing them to offer their services. Depending on sport clubs they frequent, courses will be displayed to non-coach users. (optional)

Technical specifications :

- **Mobile technology :** hybrid IONIC 5 / Flutter

- **Administration platform technology :** Symfony / Laravel

- **PHP version :** 7.2 at least

- **SQL version :** 5.6

- **Language :** French only

- **Store publication :** iOS & Android

- **Special features :** Push notifications, real time chat

- **Price :** - 7.99€ a month via in-app purchase with 3-days free trial

    - 7.99€ a month via in-app purchase for coaches with 3-days free trial

Technical requirements :

- Code must be clean and tidy

- SSL protocol use is mandatory for platform

- IONIC or Flutter latest version is mandatory

- Ressources and libraires must not be too old

- While iOS & Android compilation, source code must be compatible with both platforms, be sure there is no incompatible syntaxes between both platforms

- A registered user must be unable to register again (email verification)

- App must have optimal display size (small iPhone SE to big iPhone 11 Pro Max)

Store publication will be made under our care.

Features :

User sheet :

During sign in, each member will be able to chose a private profile (athlete) or a pro profile (coach).

Each athlete or coach must complete his profile (contact details / informations / schedule availability, profile picture, various informations / goal)

They will have to chose 1 or multiple clubs they attend.

(list will be editable in back office, and filterable by zip code, no geolocalisation asked, clubs listing will be inputted in back office by administrator by zip code / club name / franchise)

They will have a score counter (which will be incremented automatically after each completed challenge / sport session done).

An experience scale will be specified in order to display user level.

Display a weekly report (session number, challenge number) etc.

Add a « objective completed » button.

If activated : ask for a new objective.

Suggest a new objective each 3 months

Weight loss -> muscle grow -> stabilisation

Athlete profile fields :

- Last name

- First name

- Age

- Gender (male/female)

- Actual weight (+ wished weight if weight loss wanted)

- Fat mass

- Mail

- Picture

- Address (Street number, street name, zip code, city, country)

- Picture gallery

- Video gallery

- Objective (weight loss / pregnant woman etc categories editable in back office)

- Attended gyms : maximum 3 (list editable in BO) with zip code search

- Date and time schedules (week days choice + 1-hour time window)

- Session amount wished (from 1 to 7)
- Possibility to notify a non-permanent travel (chose a zip code and travel days in a specific schedule)

Coach profile fields :

- Last name
- First name
- Age
- Gender
- Specialities (free field, put a coma between each speciality)
- Number of years in activity (number selector)
- Email
- Picture
- Picture and video gallery
- Availability (tickable 7-days / 1-hour time windows schedule)
- Attended gyms : maximum 10

Schedule :

Once the athlete has filled out his daily and hourly availabilities and session number in his schedule, algorithm must propose corresponding time windows prioritizing time windows between 06:00AM and 09:00AM and 04:00PM and 06:00PM.

Once a day maximum (he must not be able to have 2 sessions a day)

Coach profile will globally do the same, except sessions will not be proposed.

Challenges and points :

Regularly, algorithm will propose challenges to members whom :

- Are in the same club
- Have common availabilities

Two person challenges

These challenges will be generated in back office, depending on objectives and levels filled in the member account.

A challenge must be proposed as much as possible as soon as criteria are reunited (same club + common available time window)

If a challenge is possible, both athletes will receive a push notification + screen notification, ad they will have to accept or reject this challenge.

If challenge is refused, system must not re-propose same challenge to same persons this day, however system will be able to propose another challenge with different members / time window.

If it's accepted by both athletes, then challenge is displayed on screen with appointment date and time.

Once challenge time window has come, a small window appears in-app, « A » athlete will take note of « B » athlete challenge and will have to accept it (or notify it as a fail).

Once challenge is completed, athletes will receive a certain points amount (specified in back office)

About points, in a dedicated tab in back office, it will be available to specify points amount earned by duo challenge and solo sessions.

A table will display required points to access next level. It will be possible to give a gift at each level reached.

A tab in athlete account will be dedicated to earned prizes display.

It must be possible to send a challenge to a friend.

Athlete will be able to specify he's traveling and and chose a temporary club in order to have access to current club challenges.

Chat and sponsorship :

It will be possible to add to friend list people met during challenges.

Once in the friend list, it's possible to take a look at other person profile / pictures / videos and to launch a live chat with this person.

A window will display all recent challenge duos.

It will be possible via a tab to sponsor a person.

Email address must be entered, app will send a subscription invitation email.

The sponsoring member will earn point (BO managed)

The two members will immediately be considered as friends.

When a friend join following a recommendation, sponsoring member earns XXX points (to be decided in back office)

If both friends attend same club then propose a challenge immediately to both of them.

Coaches :

Coaches, once their profile is completed, might be able to be proposed to athletes in order to do a session together.

Randomly, when a coach and an athlete have a similar time window or multiple related clubs, the athlete will receive a notification + a popup displaying a chat with the coach in order to schedule a session together.

If the coach contact request is accepted by the athlete, then the athlete will be able to look at the coach profile and chat with him in order to set an appointment (appointment and following will be beyond platform)

If the invitation is refused, then close the pop-up.

If multiple coaches are available with corresponding clubs and time windows, display will be random between available coaches.

Tips :

Randomly, each day, a tip will be displayed at application start.

Tips will be configurable in back office.

App must detect if a tip was already displayed to user and avoid repetitions.

Tips are filtered by category / age

They will appear depending on profile and user preferences.

(if a person ticked in his profile « pregnant woman » + « weight loss » for example, then only these categories will be displayed).

Also with changes (first name / last name etc…)(example : session tomorrow / challenge this day then display this or that tip).

Possibility to set sending frequency for users (case-by-case choice in user account)

Push notifications :

Variables about push must be configurable in back office.

Time / recurrence / messages (with variable) d-24/12/6/4/3/2/1/0/+30min etc…

If challenge this day etc…

User can set sending rate (case-by-case in user account)

A push will also be sent when a message is received in chat.

Cancellation :

It must be possible to cancel a challenge or a session.

Algorithm must be able to reorganize sessions / challenges in case of cancellations.

If a session is cancelled / postponed : this leads to a loss of points (BO administrable), same for challenges

Graphic and functional components
App will be composed of following screens :

- (PG) 3 small presentation screens (with 3 bullet points to scroll screens), will only be displayed on app first launch

- Welcome screen : sign in / sign up / forgotten password

- (PG) coach / athlete dashboard with a small chart about accomplished sessions and challenges an a small number resume (for the athlete) and objectives, possibility to add once a week a report on weight / fat mass in order to set a weekly monitoring chart.

- (CMP) popup proposing challenges (possible to be inspired by Tinder about matching or not a proposed challenge)

- (PG) my account area for athletes and coaches (to fill profile and add photos / videos)

- (PG) schedule area : to look at following sessions and challenges, cancel or delay a session or, for coaches to indicate their unavailability for a session

- (PG) prizes listing / claim a prize

- (CMP) popup announcing a level up

- (CMP) experience bar

- (CMP) tips popup displaying a tip with a small picture, a title and a text

- (PG) athlete / coach profile : Public profile / picture / pictures and video gallery

- (PG) added friends list

- (PG) live chat

- (CMP) popup proposing an available coach

- (PG) invitation screen (sponsoring) or

- (PG) & (CMP) current / incoming /completed challenge screen, with duo challenger friend-adding suggestion. Possibility to notify or not challenge completion by duo member

- (PG) session state screen : display if scheduled session has been completed / cancelled / postponed / uncompleted

- (CMP) travel notice : with form to notice a difference club from zip code an availability

- (CMP) reporting abusive content : video / picture / chat including bad language and vulgar contents (with free text space)

Platform will be composed of following screens :

- (PG) Landing page with Apple & Google download buttons (links to stores) and presentation text

- (PG) Contact page with contact form

- (PG) Administrator Dashboard

Remaining screens with be dashboard-inspired, design will be free, so is the « Terms and Agreements » page

Remaining Administrator Dashboard screens on management platform :

- Push editing and push sending management

- Tips editing and tips sending management

- Users editing and listing

- Scoreboards and prizes editing (gain and loss depending on actions)

- Gained and reclaimed by users prizes list (possibility to chat with them)

- Goal categories screen

- Registered coaches listing (possibility to chat with them + coach profile display and editing features)

- Reporting : athletes and coaches are able to report profiles or content not in accordance with terms and agreements. Link to content in question must be in this listing

Other :

- (PG) iOS and android store presentation screen (4 different size screens)

Graphic charter and logo creation expected

PG : Entire screen

CMP : Component (visual element on a page)