

Milestone 1 - App Idea

Team Name (or Project Name) if you have one: FUTWORLD

Team Members (Cannot be more than two):

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1. What's your app?

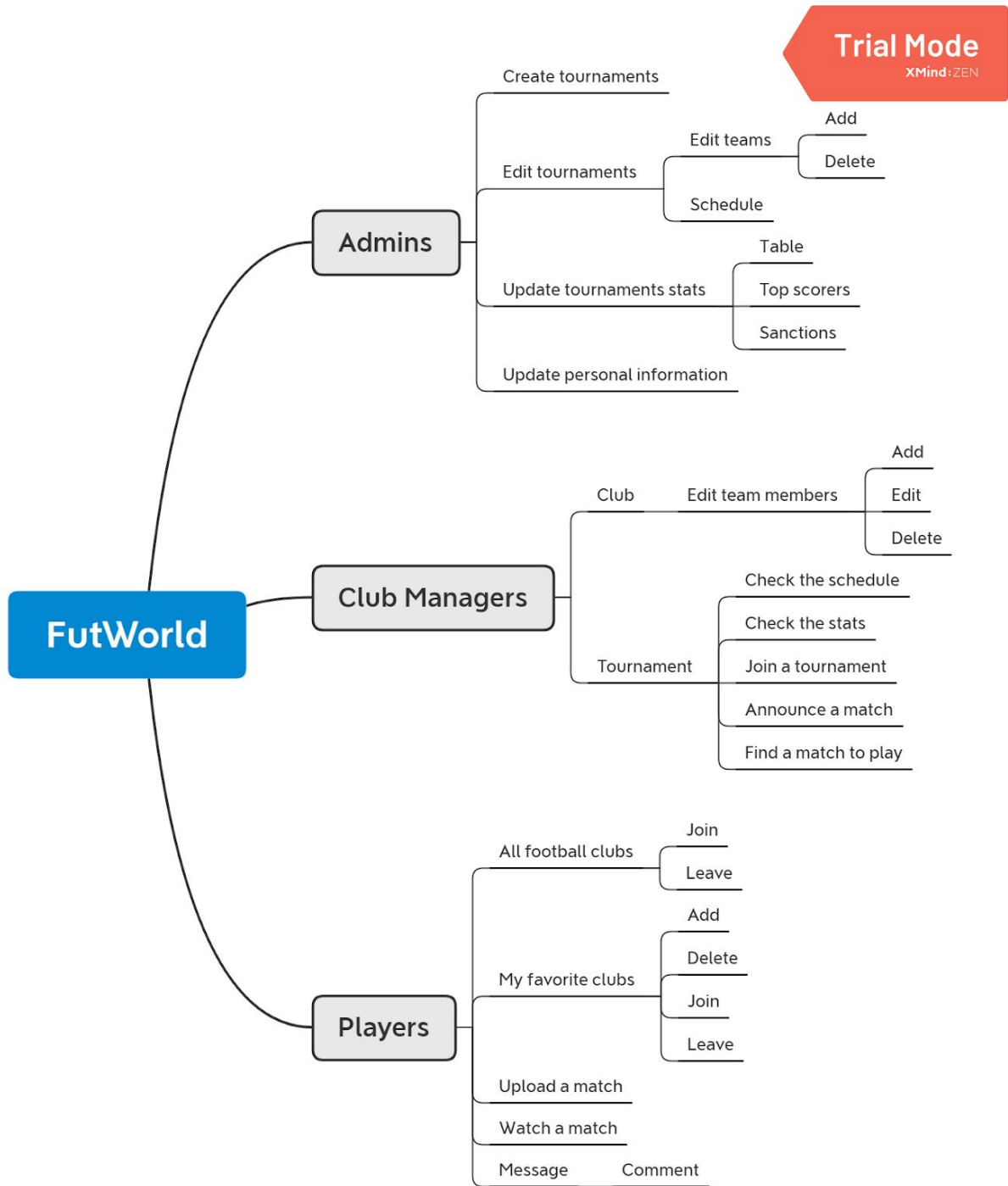
Our app is a football tournament management application. Because in this kind of application, there are no outstanding ones. Moreover, one of my friends wants to use it to manage his football club. It gives us an idea to create a football tournament app. For this app, there are three main categories of users. One is the administrator. The administrator can create football tournaments. Another one is the club managers. Club managers can create new football clubs (team), add new players to the club and join the tournament they want. The other one is the players. Players can be invited or request to join a club and have a group chat with other players. Overall, by this app, it gives the clubs a place to manage their teams, their players, and join the tournaments they want. In the Columbia Android store, there is no similar app like this, so we think it can help people who need this kind of application.

2. Who will use your app? (Audience)

Columbia is a country where the people are fanatic about football, however, there are few apps for those football fans to communicate with each other. Therefore, we will create this app to fulfill their requirements and leverage their football experiences. To sum up, any football lover is welcomed to be our user.

3. When and where will your app be used? (Scenarios, use cases)

Our app is created for all football fans, we provide a platform for every football fan to communicate with each other. There are no limitations to using our app, no matter when and where, you can always use our app to enjoy the fantastic football world.



4. How will your app be used?(Features, Functionality)

There are mainly three characters of users for our app: admin, managers and players.

For Admin:

Admin can create tournaments, set up tournament's information, invite managers to join the tournaments, create and update score tables, upload the game highlights, update game live scoreboard and also change personal information.

For Managers:

Managers can join tournaments, set tournaments as a favorite list, create teams, edit team's information, invite players, manage teams, and write messages in message boards for players, upload the game highlights, and change personal information.

For Players:

Players can join teams, watch a match, upload the videos he played, leave messages on the message board, and edit personal information.

The following are the features we think will cover in this app:

-Login and register: First step is to login or register. Login as a different character will have different features.

-Navigation: Use navigation as menu. Different kinds of users will have different tools shown on the menu.

-RecyclerView: we plan to use recyclerview to store every tournament brief information like a list. Admin can use this to manage the tournaments they created, managers can manage their teams, and players can browse teams they want to join.

-Data storage: every data information will be stored in firebase which is a live server.

-Youtube: every user can embed youtube videos to the app, share with other users about the highlights of games.

-Camera: users can use the camera to take photos and upload to the gallery.

-Maps and GPS: Based on google maps API, users can search the location of tournaments and transfer to google map navigation.

-Flipbooks: After every game, admin can create flipbooks for every game's summary. For example, the highlights of games, featured photos and gameplay reports.

-BroadcastReceiver: The admin can broadcast game information or reminders to managers. Managers can broadcast game reminders to players.

-Google play Store: upload to google play store and let people download it for free.

5. **Competitive analysis** (Similar apps on the market)

According to the Google Play store, there are many similar apps on the market. However, we have several advantages compared to other apps on the market.

Advantages:

Video sharing: we provide a platform for our users to share their football match video.

Communication: our app creates a great football dynamic for our users to share their thoughts and comments with other football fans.

Easy to use: we create the most friendly UI that we can make to ensure our users enjoy the best experience.

Football Tournament Makers:

<https://play.google.com/store/apps/details?id=org.eniblo.fball.leagues>

Disadvantage of this app:

1. no match played section in the point table.
2. Randomly can't save game info.
3. Can't import custom logos.

Winner - Tournament Maker App, League Manager:

<https://play.google.com/store/apps/details?id=il.talent.winner>

Disadvantage:

1. Need to pay if want to use custome images.
2. Complicated to use. Not user friendly.
3. Login sometimes breaks down.
4. Too many Ads.

Tournament:

https://play.google.com/store/apps/details?id=jp.gr.java_conf.jiraiya.tournament

Disadvantage:

1. Connection is slow.
2. Can't save tournaments.
3. Usually crush, can't load the app.