

CCSW-225  
Lab: CCSW 225 – Human-computer Interaction (Winter 2021)

---

# [TAMRENAK] FINAL REPORT

## Group Members:

Full Name	Student's ID	Section
Abdullah Al-Shehri	1948082	T22
Hassan Al-Mohsen(L)	1947843	T22

### **What will we do in this final assignment? [Instructions]**

In this assignment, you will submit a **full report of your completed project**. The report should be done using any text editing software (example: MS Word) and should be submitted as a PDF file. The report should include all the previous project assignments in one document. Please make sure that the report is well organized and well styled. [5 points]

Also, you need to create a **presentation** of your project and present it in the class. The presentation should not take more than 10 minutes and 2 minutes for questions and answers. [5 points]

The names of your team members?

- ✚ Hassan Al-Mohsen
- ✚ Abdullah Al-Sheheri

What is the general project idea?

- ✚ Application to help the hostess to find players to play football/soccer in any stadium in Jeddah and connect them to player who likes to play and don't have any team to play with, and the host can publish a time together players and he specified which stadium he hosted who need a player. the app will rate the players and the hostess to make the search more efficient.

Who are the targeted users?

- ✚ Player who wants to play football/soccer and haven't a team.
- ✚ Team who wants to play football/soccer and haven't full members.
- ✚ Team who wants to play football/soccer and haven't an opponent.

What are the main problems we are trying to solve?

- ✚ There is always a player who wants to play and he doesn't have a team, and there
- ✚ always a host who doesn't have full team.

How are you going to find users?

- ✚ We will make a marketing team for the application.

How are you going to collect the data from the users?

- ✚ Survey
- ✚ Interview






What questions are you going to ask?

- ✚ Do you usually as player faced difficulties to find a host?
- ✚ Do you usually as host faced difficulties to find a player?
- ✚ What is your experience about football/soccer from 10 to 0?
- ✚ Did you ever play with unknown team, And It's ok for you?
- ✚ Did play football/soccer usually?

**Link to questionnaire survey:**

 <https://forms.gle/PWYtKKQvxetu5TCv6>

**Questions asked in the questionnaire:**

-  **First and second questions to know our users**
-  **Third question to know how much they know about football to decide if we take more seriously.**
-  **Fourth questions are to know are they playing football or not so they will use the Application or not.**
-  **Fifth question are to know our main problem is a real problem or not.**
-  **Last question is about are they willing to play with strangers to see how well our idea works.**


**Screenshots of the questionnaires:**

## Google Form :



**تمرينك | TAMRENAK**

Application help to find players to play football/soccer.  
تطبيق يساعد على إيجاد لاعبين للعب كرة القدم

المطور: 

The Beautiful Game | اللعبة الجميلة



Watch on 

السن | Your Age

(إلزامي)

What is your experience about football/soccer ؟ ما هي خبرتك في كرة القدم ؟

5 4 3 2 1

Very strong | قوية جداً ☐ ☐ ☐ ☐ ☐ Very weak | ضعيفة جداً

Do you usually faced difficulties to find a player or team ؟ هل تواجه عادة صعوبات في العثور على لاعب أو فريق ؟

5 4 3 2 1

yes allways | نعم دائماً ☐ ☐ ☐ ☐ ☐ No at all | لا على الإطلاق

Did you ever play with unknown team, And It's comfortable for you ؟ هل لعبت من قبل مع فريق غير معروف ، وهل هذا مريح بالصدفة لك ؟

5 4 3 2 1

So comfortable | مريح جداً ☐ ☐ ☐ ☐ ☐ So uncomfortable | غير مريح جداً

Did play football/soccer usually ؟ هل تلعب كرة القدم عادة ؟

☐ Daily | يومياً

☐ Weekly | أسبوعياً

☐ Monthly | شهرياً

☐ Between periods | بين فترات

☐ Never | أبداً

Do you like the dealings to be professional ؟ هل أحب أن يكون التعامل احترافى ؟

☐ Yes | نعم

☐ No | لا

☐ Maybe | ربما

إرسال

هذه هي ملكة الملك العربي من برامج Google بشكل  
توزيع إلكتروني من Google (Google) (توزيع إلكتروني) (توزيع إلكتروني) (توزيع إلكتروني) (توزيع إلكتروني)

توزيع Google

**Link to questionnaire survey:**

[https://docs.google.com/forms/d/e/1FAIpQLScC5D7AA3dZKT\\_kl2o00jyGrD7sL5sHoNUEYyUaOk09x0ZGCA/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLScC5D7AA3dZKT_kl2o00jyGrD7sL5sHoNUEYyUaOk09x0ZGCA/viewform?usp=sf_link)

**Hint** to help you in understanding the next Rows of data :

- 1=The most negative**
- 2=The least negative**
- 3=Normal or medium**
- 4=The least positive**
- 5=The most positive**






## The raw data collected from the users:

Timestamp	Your Age	What is your experience about football/soccer	Do you usually faced difficulties to find a player or team
9:26:58 2021/02/25 م	21	5	5
9:27:49 2021/02/25 م	18	5	1
9:27:50 2021/02/25 م	20	2	2
9:27:55 2021/02/25 م	19	5	4
9:42:08 2021/02/25 م	21	3	3
10:23:40 2021/02/25	23	5	4
10:50:07 2021/02/25	21	1	3
11:16:10 2021/02/25	22	4	2
1:34:06 2021/02/26 ل	19	5	4
3:20:06 2021/02/26 ل	21	3	3
11:04:11 2021/02/26	21	5	5
4:44:27 2021/02/26 م	21	3	2
4:46:55 2021/02/26 م	21	4	1
5:41:45 2021/02/26 م	21	4	1
9:25:59 2021/02/26 م	23	3	5
11:06:17 2021/02/26	21	4	3
11:06:38 2021/02/26	27	5	2
11:07:22 2021/02/26	18	5	1
11:07:33 2021/02/26	19	4	3
11:08:13 2021/02/26	21	4	4
11:08:47 2021/02/26	26	5	3
11:10:02 2021/02/26	21	5	3
11:15:00 2021/02/26	19	5	1
11:24:58 2021/02/26	21	5	5
11:28:20 2021/02/26	21	2	5
11:50:13 2021/02/26	22	4	1
12:21:18 2021/02/27	19	5	4
2:30:53 2021/02/27 ل	23	4	4
6:15:14 2021/02/27 ل	18	3	3
8:49:06 2021/02/27 م	21	2	5






Did you ever play with unknown team, And It's comfortable for you	Did play football/soccer usually	Do you like the dealings to be professional
1	Between periods   بين فترات	Maybe   ربما
5	Weekly   أسبوعياً	Yes   نعم
5	Between periods   بين فترات	Yes   نعم
2	Monthly   شهرياً	Maybe   ربما
5	Monthly   شهرياً	Maybe   ربما
2	Between periods   بين فترات	Maybe   ربما
3	Never   أبداً	Yes   نعم
2	Between periods   بين فترات	Yes   نعم
2	Monthly   شهرياً	Maybe   ربما
5	Monthly   شهرياً	Maybe   ربما
1	Between periods   بين فترات	Maybe   ربما
4	Between periods   بين فترات	Yes   نعم
2	Between periods   بين فترات	Yes   نعم
2	Between periods   بين فترات	Yes   نعم
5	Between periods   بين فترات	Yes   نعم
2	Between periods   بين فترات	No   لا
3	Weekly   أسبوعياً	Yes   نعم
4	Weekly   أسبوعياً	Yes   نعم
2	Weekly   أسبوعياً	Yes   نعم
3	Weekly   أسبوعياً	Maybe   ربما
1	Between periods   بين فترات	Yes   نعم
4	Weekly   أسبوعياً	Yes   نعم
3	Daily   يومياً	Yes   نعم
2	Monthly   شهرياً	Maybe   ربما
1	Never   أبداً	Yes   نعم
2	Weekly   أسبوعياً	Yes   نعم
3	Weekly   أسبوعياً	Maybe   ربما
1	Between periods   بين فترات	Yes   نعم
2	Weekly   أسبوعياً	Maybe   ربما
1	Never   أبداً	Yes   نعم

### **List of 5 needs:**

[Needs are what your user is trying to accomplish, expressed as verbs]

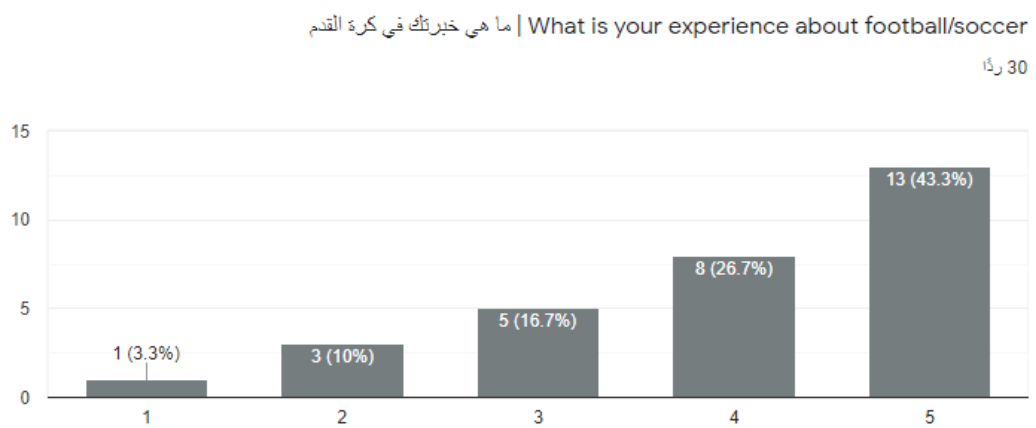
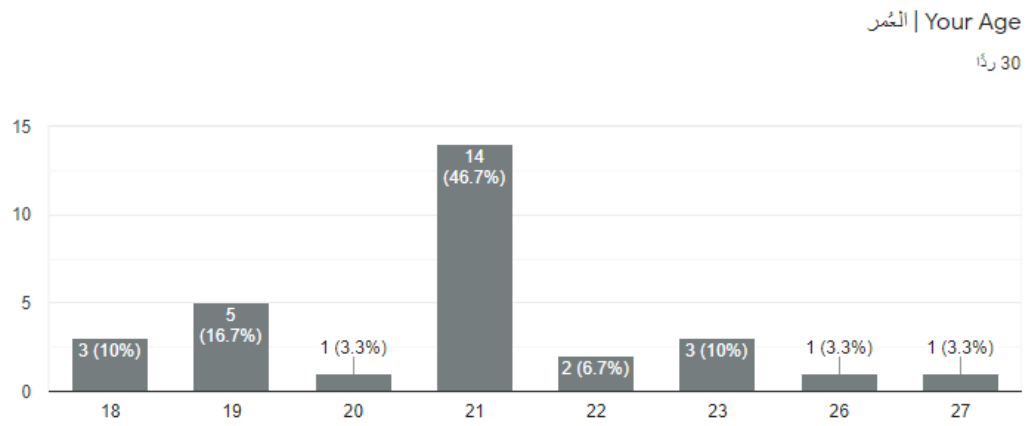
-  We see in the First question that 70% of the users is aware of the football/soccer but we have %30 have a weak knowledge or maybe nothing. We need to educating them through some courses or clips that we offer, the application to give them an overview of this sport.
-  We see in the Second question that 66.7% faced troubles to find a team or a player. I think It's a good power and we just need to carry on.
-  We see in the Third question that 26.7% find it good or comfortable but there is 73.3% finds it normal or doesn't relay comfortable or at all doesn't. So we need to make a community that they can chat there and be in touch with each other to decrease this idea in the people.
-  We see in the Fourth question that 40% playing between periods and 30% weekly So now we know that We need to Educate people about the benefits of this sport to increase the players and finds players to use our Application.
-  We see in the Fifth question that 60% want to have a really professional treatment and there is 36.7% going with maybe. We have to make deep search about this question but in principle, We need to be particularly clear through the publications on the issue of seriousness in playing and that the topic is more than just spending time because with time it is possible to add tournaments and their seriousness may lead them to win the cup and this is very important.

### **List of 5 insights:**

-  Making AI for matching up players by rank.
-  Making AI for matching up players by age.
-  Making AI for matching up players by numbers of players.
-  Making a Cup or a League. And If interest in the league or cup increased, we might film it on our YouTube channel.
-  Bringing refereeing staff to organize in important matches.



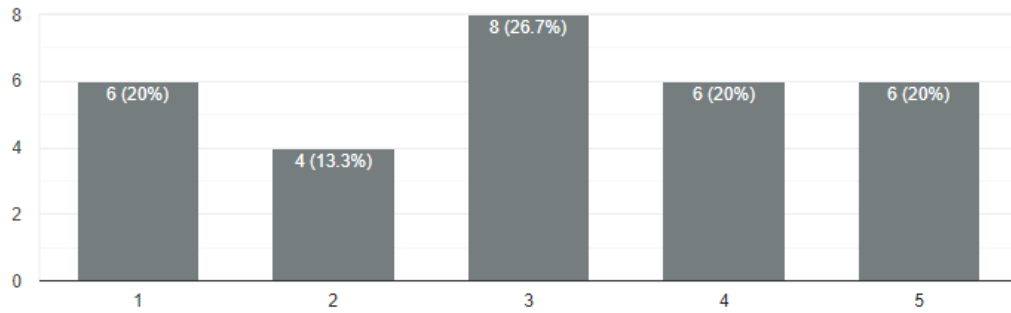
A simple visualization of the data collected:



هل تواجه عادة صعوبات في العثور على لاعب أو فريق | Do you usually faced difficulties to find a player or team

فريق

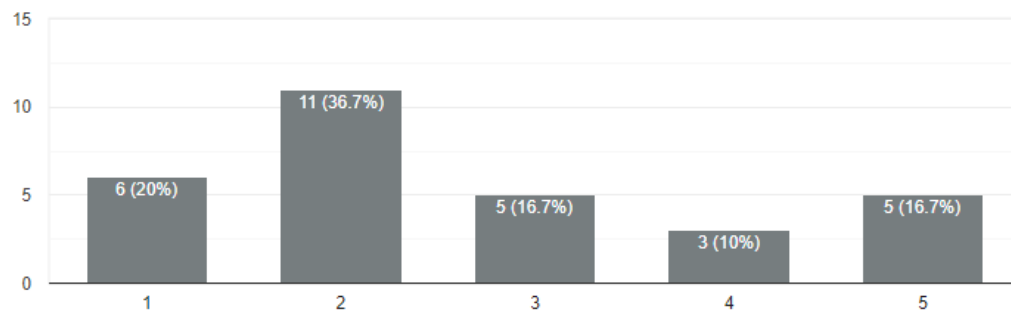
30 ردًا



هل لعبت من قبل مع فريق غير معروف ، وهل هذا مُريح بالنسبة لك | Did you ever play with unknown team, And It's comfortable for you

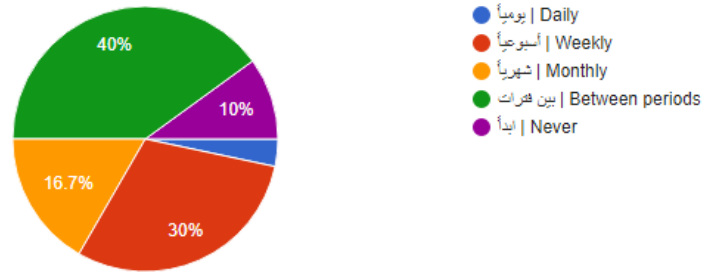
مُريح ، وهل هذا مُريح بالنسبة لك

30 ردًا



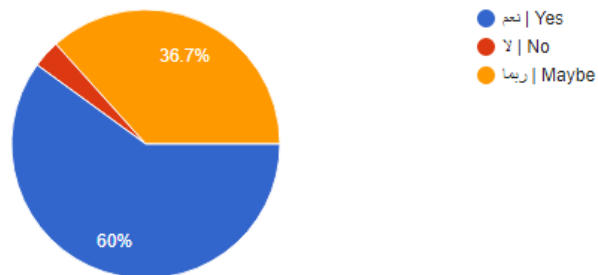
هل تلعب كرة القدم عادة | Did play football/soccer usually

30 ردًا



هل تحب أن يكون التعامل احترافي | Do you like the dealings to be professional

30 ردًا





Tasks :

- ✚ Login (1-2)
- ✚ Register (1-3)
- ✚ Validation (4)
- ✚ Create Match (5-7)
- ✚ Edit Profile (12)
- ✚ Fill you info (14)
- ✚ Rate us (15)

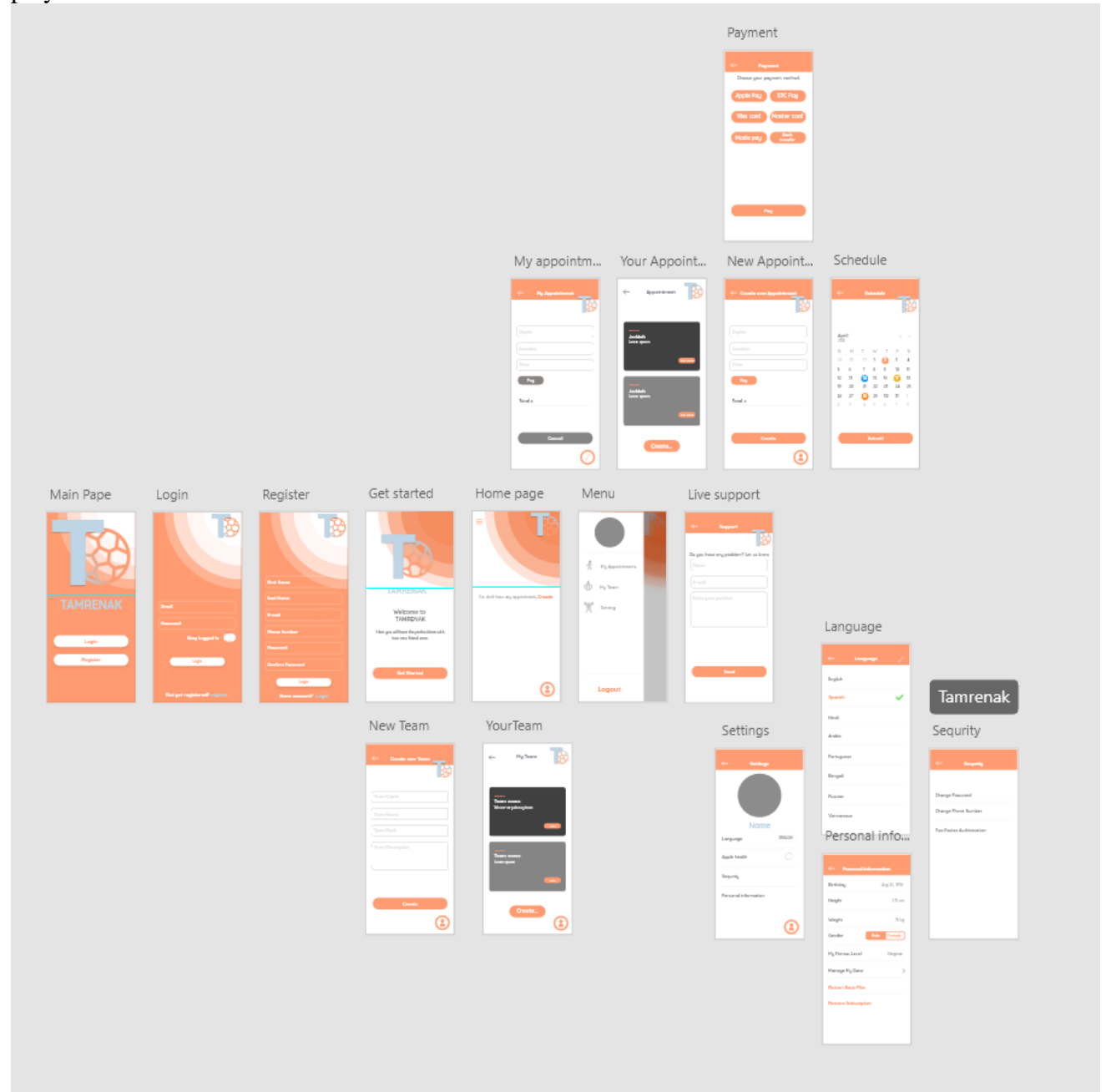
The rest sketches are additional features.

## **2. A paragraph explaining the new design and how it will meet users requirements**

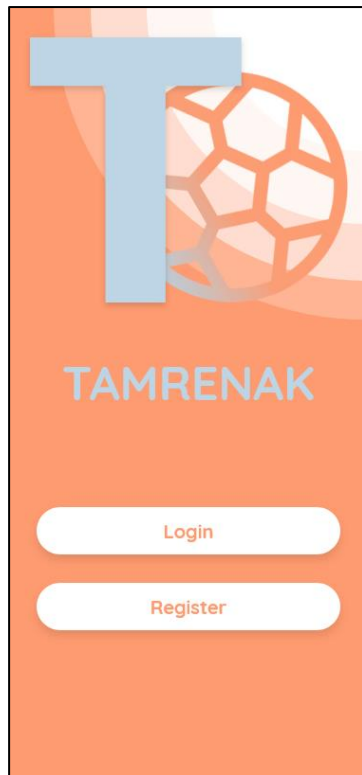
✚ We know that the most important and functional requirement is to make the user find what he come for that's mean the matches , so we have design a sketches that meet what we assume its most important requirement and of course we add additional features or we can say (non-functional requirement) for instance the security, menu etc. This additional features will increase the user satisfaction in our vision so hopefully we did well.

### Tamrenak:

Tamrenak is a mobile application that will help the hostess to find players to play football/soccer in any stadium in Jeddah and connect them to player who likes to play and do not have any team to play with, and the host can publish a time together players and he specified which stadium he hosted who need a player. the app will rate the players and the hostess to make the search more efficient.



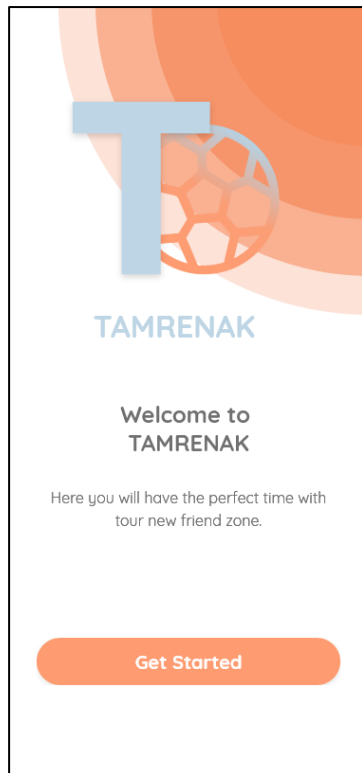
short explanation of the designed application:



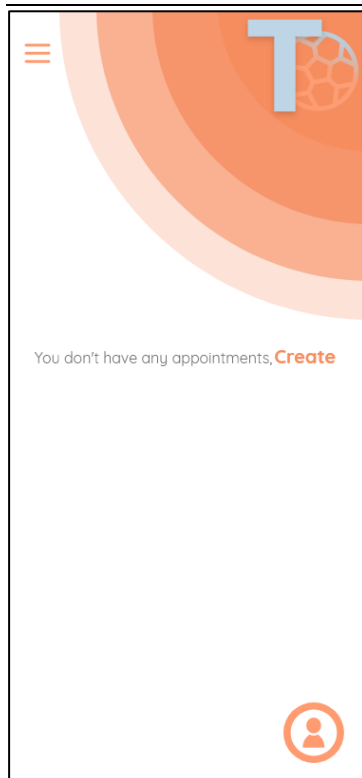
This is the main menu of Tamrenak application, you can register or login.

The image shows the registration form in the Tamrenak application. It features a large blue 'T' logo with an orange soccer ball icon to its right. Below the logo, there are several input fields for registration: 'First Name', 'Last Name', 'E-mail', 'Phone Number', 'Password', and 'Confirm Password'. At the bottom of the form, there is a white, rounded rectangular button labeled 'Login'. Below the button, there is a link that says 'Have account? Login'.The image shows the login form in the Tamrenak application. It features a large blue 'T' logo with an orange soccer ball icon to its right. Below the logo, there are two input fields for login: 'Email' and 'Password'. Below the 'Password' field, there is a toggle switch labeled 'Stay logged in'. At the bottom of the form, there is a white, rounded rectangular button labeled 'Login'. Below the button, there is a link that says 'Not yet registered? register'.

Here you can register if you do not have an account or login if you have it already.



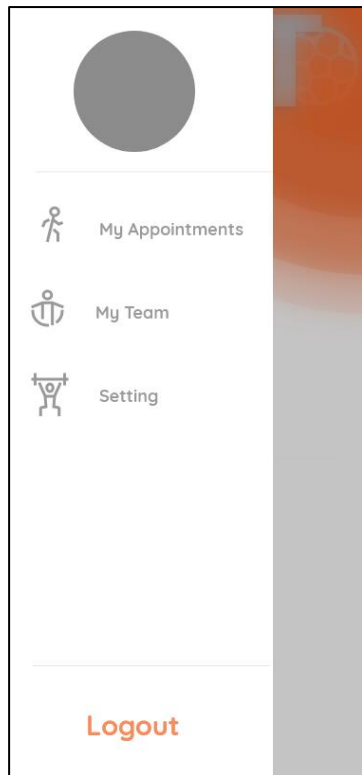
This page will appear if you are a new player



In the home page the player can:

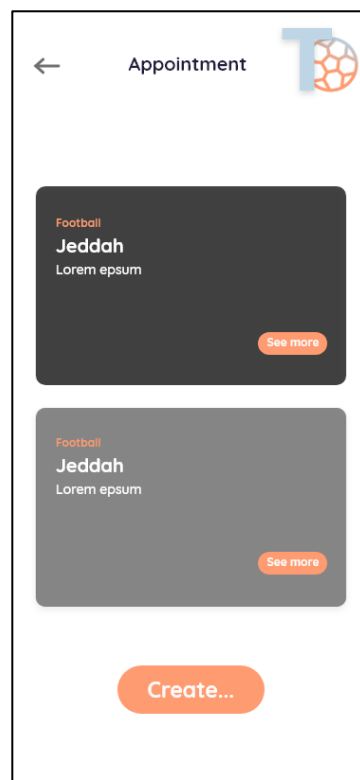
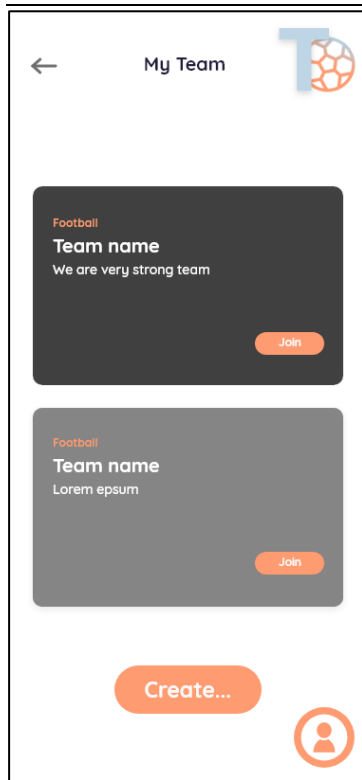
- 1-See Appointments.
- 2-Go to main menu.
- 3-Rise a support ticket.





In the Main menu the player can:

- 1-Logout of the app.
- 2-Go to “My appointments”.
- 3-Go to “My Team”.
- 4-Go to “Settings”.
- 5-Go back to home page.



The player can manage:

- 1-His/her team.
- 2-His/her appointments.

←Language

English

Spanish

Hindi

Arabic

Portuguese

Bengali

Russian

Vietnamese

←Support

Do you have any problem? Let us knew

Name

E-mail

Enter your problem

Send

←My Appointment

Captin

Location

Time

Pay

Total =

Cancel

←Create new Appointment

Captin

Location

Time

Pay

Total =

Create

Payment

Choose your payment method.

Apple Pay

STC Pay

Visa card

Master card

Mada pay


Bank transfer

Pay

←

Schedule

T



April

2021

<

>

S	M	T	W	T	F	S
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1
2	3	4	5	6	7	8

Submit

