

SPORTS HUB

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Abstract:

This program will enable users to play pick-up games of sport with anyone who utilizes the application. The users will create a profile that will be connected with their Twitter account. They will also have to complete a small questionnaire about what sport they would like to play.

SportsHub

PAGE 1: LOGO

ON THE START-UP OF THE APP, THERE WILL BE A BLANK PAGE WITH THE NAME OF THE APPLICATION, **SPORTS HUB** FOR A SELECTED TIME OF SECONDS, AND IN THE MEANTIME THE INTERNAL SERVICES OF THE APPLICATION WILL START.



Log In

Welcome to SportsHub!

Log In Using Twitter

Continue with Twitter

PAGE 2: LOG-IN

THIS PAGE WILL HAVE A BUTTON SAYING CONTINUE WITH TWITTER, WHICH WILL BE REDIRECTED TO THE TWITTER LOGIN PAGE AND THEN AFTER USING HIS/HER TWITTER CREDENTIALS THE USER CAN LOG INTO THE APP.



Choose a Sport:

Choose a Level:

Choose a Time:

Choose a Zipcode:

Find Matches

PAGE 3: HOME

THIS IS HOMEPAGE OF THE APP, WHERE 4 THINGS WILL BE ASKED BY THE APPLICATION. ZIP CODE – IN WHICH AREA USER WANTS TO PLAY, TIME – AT WHAT TIME USER IS WILLING TO PLAY, GAME NAME – WHICH GAME HE WANTS TO PLAY (BASKETBALL, TENNIS) AND GAME LEVEL – WITH WHICH LEVEL OF PLAYER HE WANTS TO PLAY WITH (BEGINNER, INTERMEDIATE, PRO). AFTER FILLING ALL THESE DETAILS, WHEN USER TOUCHES FIND MATCHES, THERE WILL BE A TWEET ON TWITTER WITH A PRE-SCHEDULED MESSAGE AND BASED ON HIS GAME NAME THE HASHTAGS WILL BE PASSED LIKE **#SH_BBALL** OR **#SH_TENNIS** WITH THE ZIP CODE AND TIME OF GAME AND THEN NODERED TOOL FROM IBM BLUEMIX WILL START ANALYSING THAT HASHTAG AND ZIP WITH OTHER TWITTER USER TWEETS WHO HAS REQUESTED THE SAME IN A PARTICULAR TIME AND BASED ON THAT IT WILL CALCULATE THE RESULTS.

Here are a few locations...

Harris Park, 95037

Jump Park, 95037

Park #3, 95037

Park #4, 95037

PAGE 4: MATCHES

THEN AS A RESULT, THERE WILL BE A LIST OF AVAILABLE PLAYERS AT THAT PLACE WHO ARE WILLING FOR THE SAME TO PLAY AND IN THE LIST THERE WILL BE SOME OTHER PLAYERS TOO WITH HIGHER LEVEL AND NEARBY THAT AREA SO THAT USER HAVE A LIST OF CHOICES.

Here are a few players....

Joey Smith, 95037, Beginner

Erin Don, 95038, Beginner

Steven Joe, 95037, Advanced

John Keys, 95037, Advanced

PAGE 5: LOCATIONS

WHEN USER SELECTS ANY OF THE PLAYER, FROM THAT ZIP CODE THE DYNAMIC SEARCHING OF PARKS WHERE THEY CAN PLAY WILL BE LISTED AND THEN USER CAN SELECT BASED ON THEIR CONVENIENCE.

Come Back When the Game is Over!

Let's Play!

Opponent:
Joey Smith

Location:
Harris Park, 95037

Game Finished

PAGE 6: MATCH DETAILS AND PARK

THIS PAGE WILL POP-UP A MESSAGE SAYING, "HEY USER, YOU ARE GOING TO PLAY WITH XYZ USER IN ABC PARK. COME BACK HERE WHEN THE MATCH IS OVER". THE BUTTON SAYING GAME FINISHED WILL LEAD TO NEXT PAGE TO STORE THE RESULT OF THAT GAME.

How did the game go?

Select the Winner:

 ▼

Submit

PAGE 7: SELECT THE WINNER

THIS PAGE WILL SHOW THE NAMES OF TWO MATCHED PLAYERS, WHO PLAYED THAT GAME TOGETHER AND WILL ASK FOR THE WINNER AND THEN ON PRESSING SUBMIT, THE RESULT OF THE GAME WILL BE STORED AND THE PLAYER STATISTICS WILL BE UPDATED.

Stats

Wins	5
Losses	4
Ties	1

Exit

PAGE 8: PLAYER STATISTICS

THIS WILL LIST THE NUMBER OF GAMES USER PLAYED, WON, LOST AND THE MATCHES WHICH TIED. AND AT THE BOTTOM OF THE PAGE THE EXIT BUTTON WILL QUIT THE APPLICATION.

Database Preview:

User Table:

user_id	name	email	zip-code

Sports Table:

sports_id	sports_name	time_to_play

Park Table:

park_id	sports_id	park_name	zip-code

After Normalization

Table: User-Sports-Dtls

user_id	sport_id	level	playing_time_for _next_match	matches_won	matches_lost

Here user_id is connected to sports_id with level of player in each sport that he plays and other statistics like his history in that particular sport, how many matches he has won and how many he lost.

Table: Park-Sports-Dtls

sport_id	park_id	number_of_playing_fields	description

Here we will link every sport to the park where it is located in with number of playing areas with any description we can comment. For example river glen park with tennis as sport has red clay or that it has two tennis courts in it.

END...

THANK YOU