(General description on whole project.)

Admin

Feature	What it does	Implementation
Banning	Prevents a user from logging in and accessing the site and any site features	Admin can ban a user from the list of users. Admin is then asked to enter in a reason for the ban and has the option to lift the ban
Messaging	Admins and club owners can message users and users can reply	Button to message users on the user list and asked to enter in the message. Messages are then displayed on the dashboard
Deleting Users	Deletes the user and also any match records related to that user. If the given user owns one or more club(s), a warning that prompts the user to change the clubs' owners is given instead.	Blade: adminUserBrowser.blade Controller: HomeController (@deleteUserAdmin) Deleting users deletes their rows from the User table of the database. It also deletes any match records from the MatchResults table that share the same "player_id".
Changing user names	Updates the first and last names of the given user.	Blade: adminUserBrowser.blade Controller: HomeController (@editName) The firstname and lastname are taken as separate
Manage Club - Remove Members		AdminController
Manage Club - Message Members		MessageController

Manage Club - Assign new owner through admin		AdminController

Club

Feature	What it does	Implementation
Owning Multiple Clubs	Allows users to create and manage multiple clubs (previous version only allowed 1 club). Users can change their active clubs from the list of clubs in the dashboard.	Blade: home.blade Create club button stays there even after creating a club and a list of clubs and select buttons are on the dashboard page.
Joining Multiple Clubs	Allows users to join multiple clubs (previous version only allowed 1 club). Users can change their active clubs from the list of clubs in the dashboard.	UsersClub table keeps track of all the clubs that the user is in
Manage Club - Remove Members	Removes members as a club owner	ClubController
Manage Club - Message Members	Messages club members through the club view	MessageController
Manage Club - Assign new owner	Assigns a new owner to the club throguh a club owner	ClubController
Club members reply to club owner messages		MessageController
Club Score/Ranking	Calculates the club score to compare between clubs	ApplyMatchController, ClubController (@clubMemberRanking, @updateCScore) Recalculates the score for that team whenever the more info page opens. When a new score is recorded, it will

		update the club score and store into the clubs table. Formula for club score: sum(top 10 games that year for each player)/ (number of players in club)
Invite Members to Club	Page where club members can view all players and invite players to currently selected club.	Blade: playersearch.blade Controller: Clubcontroller (@playersearch, @invite) Inviting a player inserts a row to the table "invite" with id of player and id of club inviting. Playersearch displays all members and checks the invite table to change button status to "Already Invited" and clubs tabe for "In Club" status.
Players apply to club	Page where any players can view all clubs and apply to any of them.	Blade:clubBrowser.blade Controller:ClubController
Club Scores Update Score and Season	Updates all club scores to new year/season after the first match of the year is recorded.	Controller: ApplyMatchController (@record, @updateCScore, @updateSeason) When a match is recorded, the club score for that club is also updated in the club table. It also checks if the current year is different than the year stored in the season column. If it is different, it will update club scores for all clubs and season in the club table.
Club Scores View by Season	Select club member scores and club scores to view in the more info section of the club by filtering through the dates.	Controller ClubController (@clubMembeRanking) Passes in the year and displays the scores for that

		year. Data for scores are retrieved from Match and MatchResult tables. Calculates the club score.

User

Feature	What it does	Implementation
Password resetting	Allows users to reset their password through a link sent from taoex	Gmail account setup to send password reset tokens
Dashboard displays (announcements/messages)	Displays all announcements and messages on the user dashboard	Queries the database in the HomeController and passes a list of the messages into the home.blade view

Match

Feature	What it does	Implementation
Match Recording	Records an entry to the 'match results' table for the given player and match and notifies the user of success. If a winner is not the given player already exists for the match, an error is saying only one winner is allowed per match is shown to the user.	Controller: ApplyMatchController apply() method
Update Match	Goes through the same process as the match recording but when an already existing record for the given player and match is found, that record is updated instead and a different notice signifying a record update is	Controller: ApplyMatchController apply() method

	given instead.	
Match Delete	Deletes a match from the database, individual rows can be deleted for deleting records	Controller: AdminController deleteMatch and deleteMatchRecord

Known bugs and next steps

1. Admin editing club names not working. Refer to implementation of admin editing users' names. (current team)
2. Guest page hardcoded '2 days go' and 'updated 3 minutes go'. (previous team)

Challenges

1. When transferring project to live domain, the live domain is a linux server which is case sensitive to SQL syntax.
2. Reading existing code can be challenging because the project has been developed by three different project teams so far.
3. Learning required and it can be challenging if no MVC experience or php experience.