Project: Taoex Club

Client

Company Name	Pixelific Games
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Team

Name	Role	Contact Information
Samit Bains	Team Member	samitpalbains@gmail.com
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Les Romhanyi	Supervisor	lesromhanyi@shaw.ca

Scope and Statement of Work.

The scope of this project includes administrative functions pertaining to Taoex Club. This includes:
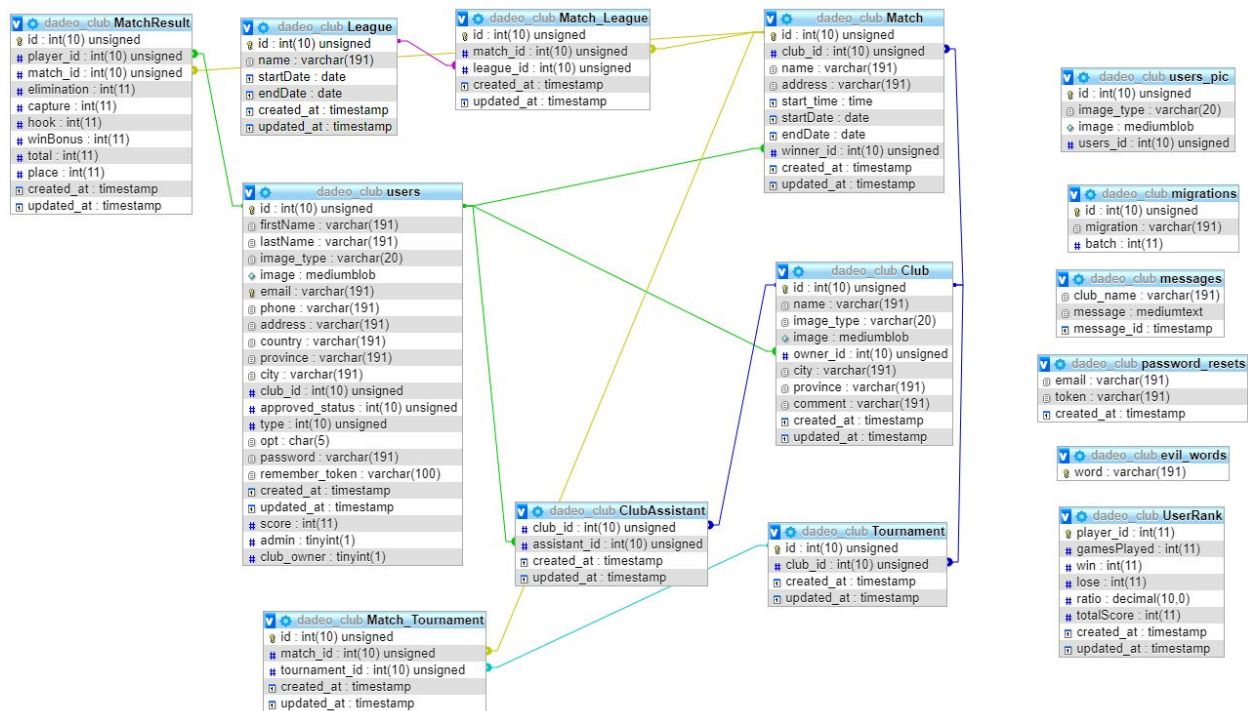- Registration (password reset and field restrictions)
- Personal Information Customizability (including avatar upload)
- Match Filtering by date

- Administrator functions
- Club management
- Member Ranking System

There is a more detailed document outlining the scope and statement of work that will be provided.

Solution Offered and Implemented

Database

Many changes have been made to the database to achieve the tasks set out by our client. We added three new tables and various columns within existing tables. The 'users_pic' table was added to store images and related information when users would upload an avatar for their personal profile or when clubs would upload a photo for their club picture. A 'messages' table was added to store messages sent by club owners to their club members. This table also has a timestamp to keep track of when the message was sent. The 'evil_words' table was added to keep a list of words that are prohibited from being entered into registration fields. An 'admin' and 'club_owner' column were also created in the 'users' table. As of now, Les

Romhanyi is the only administrator for the website. The 'club_owner' table is automatically updated when a user creates a club. The value of the column will change from 0 to 1 indicating that this member is the club owner and will have special privileges such as messaging.

Front-end (JavaScript, HTML , CSS)

Although majority of the project pertained to back-end adminstration, front-end for this project includes:
- Creating a landing page with information on the administrative services of Taoex Club (HTML and CSS)
- Ensuring Mobile Compatability (Bootstrap)
- Cookie consent bar (Javascript)
- Privacy Policy page and footer link (HTML and CSS)
- Redesigning user dashboard and decluttering layout (CSS)

Back-end (PHP)

The back-end for this website was done entirely in PHP and functions that are built in with Laravel. Back-end work that was done included:
- Created functions that would only be available to admin and club owners
  - This included sending messages to club members and updated the announcements section on the landing page
- Algorithms and functions were implemented that would check registration form inputs for inappropriate language
- A system was created that would automatically send emails to members who had forgotten their password
- Functions were created that would automatically updated the landing page with who are the top players and clubs
- A system has been put in place for users to delete their personal information without match records being deleted (There are still bugs with this feature)
- The ranking system has also been adjusted to reflect changes request by our client
- Functions were updated to ensure ReCaptcha was receiving a codeword from Google

- ○ This ensures the integrity and security of the ReCaptcha system and that Google has actually acknowledged that their test has been passed
- The registration form was updated to ensure a form cannot be submitted with missing information and that no fields are pre filled by the website

Getting started with Laravel

- If you are new to Laravel I would highly recommend watching the following YouTube series to help learn it: https://www.youtube.com/watch?v=EU7PRmCpx-0&list=PLillGF-RfqbYhQsN5WMXy6VsDMKGadrJ-
- If you are having trouble just getting the Laravel project to open and run on your local host watch the following video: https://www.youtube.com/watch?v=QwWnXNyhioM