

Title: CourtConnect

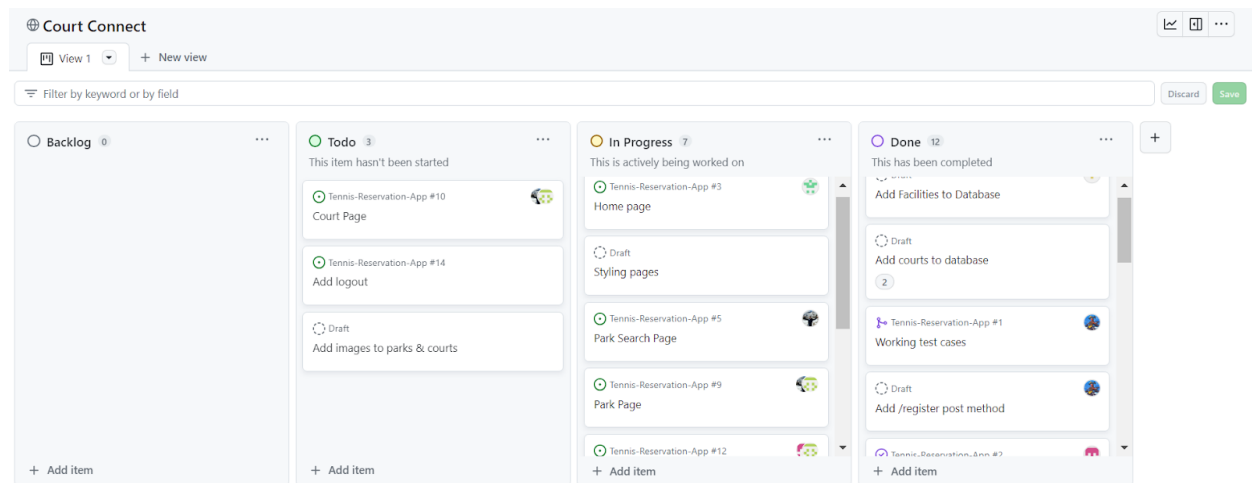
Team member details:

Name	Github Username	Email
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Project Description:

Courtconnect is an application that allows users to view and make reservations at local tennis courts and their respective parks in the area, making match control easier than ever. Each user creates their own unique profile, with different descriptors such as skill level and location to showcase a short snippet of themselves as a player, allowing connectivity with other players. A big emphasis of the app is player connectivity which is showcased through several different features of Courtconnect. For example, the user has the ability to create an open reservation for others to join, and being able to join other's reservations in the "Find Partners" page. The application features a very interactive homepage that has a carousel displaying featured courts in the area, as well as short previews of each page that acts as an efficient hub for the user to view all aspects in one page. Users also have the convenience of viewing popular courts around them by utilizing the "Featured Parks" page, which allows them to outreach into the community and find fellow tennis players in the area. Courtconnect ties the tennis community together and creates fun competition locally, all while making it easy to plan and play the game.

Project Tracker: [Github Project Board](#)



Video Presentation: In GitHub Repo

VCS: [Git Repository](#)

Contributions:

Trish Le - I worked on the front end team of this project, and I created several pages of the application including the login, registration, profile, and reservation pages. This involved using HTML and bootstrap to design and style each page, while working with the back-end team to develop and debug the API routes that provided the necessary object passing to display the correct information.

Jake Carroll - I worked on the back end team for this project, my main job was working directly with the databases. I added all the information required for the users, facilities, courts, court_times, court_to_times, and reservation tables. The facilities and courts database contains real life tennis courts throughout Colorado and pictures from each court.

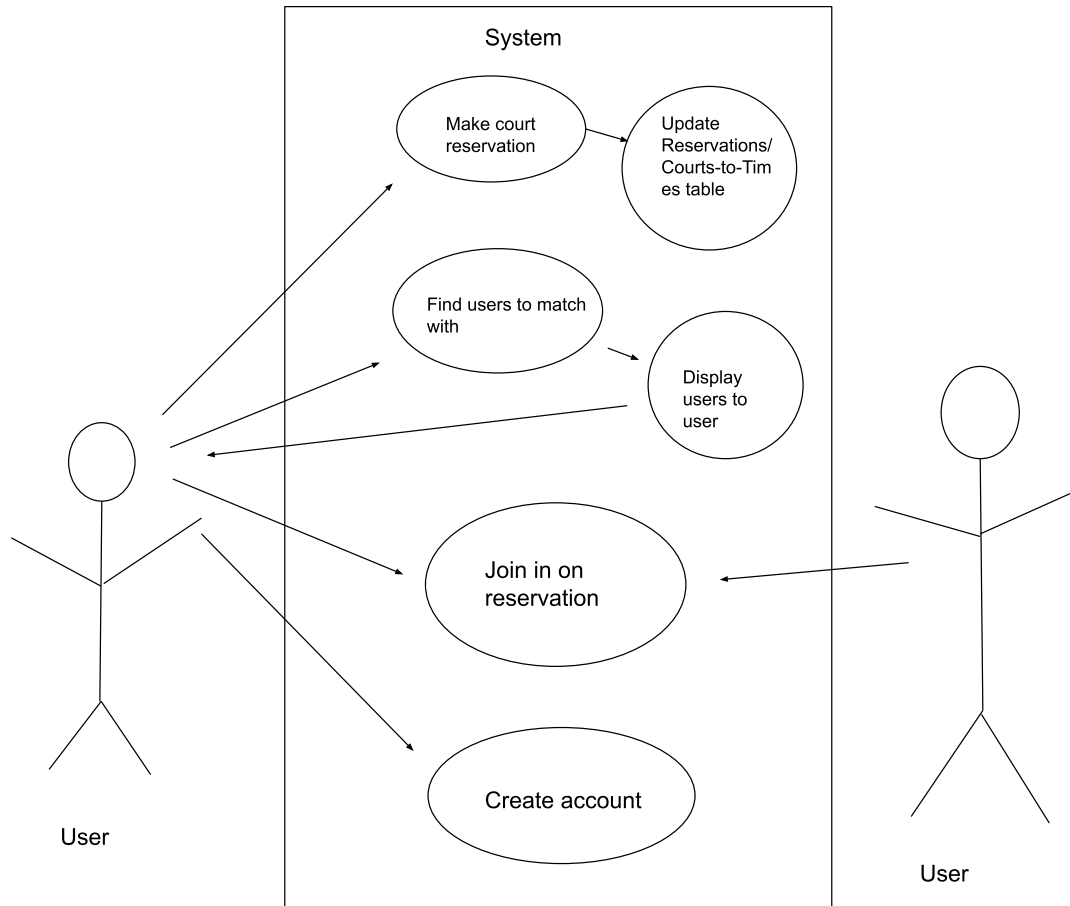
Mitch Kubina - I did a mix of everything with this project, while mostly being on the backend. I wrote API routes for /register, /find-partners, and /join-reservation. In addition to this, I did a bit of work on the frontend. I did most of the front-end work for find-partners.ejs and featured-parks.

Thomas Riley - I worked primarily on the front end team for CourtConnect. I worked on the design of the frontend in figma giving us a color scheme, fonts and branding. I created our partials: header, navbar and footer. I also collaborated with Rodrigo on the homepage to help him with some functionality/styling and collaborated with him on the /park and /court page to do some tricky javascript parsing for reserving a court. I created the /park-search feature, reworked our query to google maps api with the help of Caleb. I also just helped with a bunch of miscellaneous stuff to ensure our project would be finished in time.

Caleb Lehman - I worked on the back end team. I designed and implemented our database structure. For endpoints, I created routes on getting parks, courts, profiles, and reservations, posting reservations and profile updates, and worked with Tom on using the google geocode API to implement the park search feature.

Rodrigo Moleiro - I worked mostly on the frontend team and came up with the initial idea of courtconnect. I worked on the initial designs on figma for the wireframe and pages. I created the home page as well as the parks and court pages. Added styling and functionality with the help of Thomas and Caleb for the court pages. Created a virtual machine on microsoft azure to deploy the site.

Use Case Diagram:



Test Results:

Feature	Test Cases	Description of Test Data	Description of Test Environment	Description of Test Results	Information of User Acceptance Testers
Register	We will have the user register a new account	The user will use the username: johndoe2 And the password: pass2	Tested on the application itself, using one of our computers	When the user registers a new account, the username and hashed password appear in the users database	The tester will be someone unaffiliated with the project (friend, parent etc.)

Login	We will have the user login with an existing account	The user will use the username: johndoe2 And the password: pass2	Tested on the application itself, using one of our computers	Once the user logs in, the screen redirects to the home page. The user can access his/her profile, make reservations, and/or join other reservations	The tester will be someone unaffiliated with the project (friend, parent etc.)
Reserve	We will have the user reserve a court	The user will reserve CU Rec Court 1 at 11:00 am	Tested on the application itself, using one of our computers	Once the user clicks the "reserve" button, this new reservation shows up in the reservations database, and on the user's reservations page	The tester will be someone unaffiliated with the project (friend, parent etc.)

Deployment: [Website Link Here](#)