

CPSC 304 Project Cover Page

Milestone #: 3

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Group Number: 84

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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above.

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

SUMMARY OF PROJECT (~ 2-3 SENTENCES)

The domain of this application is sports and recreation. We will be creating an application where pickleball players can connect and play with one another at their local courts. With a simple click of a button, they can register/ host games, join clubs and make friends and memories.

TASK TIMELINE

Date	Harry	Jonathan	Connor	Tasks for the Week
Oct 28 - Nov 4	<p>Setup frontend codebase (React)</p> <p>Create frontend skeleton for API calls</p> <p>Work on Figma Design (login, register, edit profile popup)</p>	<p>Look into Oracle and how to use for the project</p> <p>Create SQL script to setup tables and base data for application</p> <p>Work on Figma Design (join GameInvite, create Game popup)</p>	<p>Setup backend codebase (Node.JS and Express.JS)</p> <p>Work on Figma Design (sidebars, game history page, upcoming games page)</p> <p>Create the sidebars for the website</p>	<p>Complete Figma design for frontend GUI (frontend pages and components to design listed below under FRONTEND GUI)</p> <p>Create frontend skeleton for all API calls, will be used for backend testing before frontend is completed (skeleton = creating buttons and forms)</p> <p>Setup frontend and backend codebases</p> <p>Create website sidebars</p> <p>Look into Oracle and how to use for the project</p> <p>Create SQL script for table and base data setup</p>
Nov 4 - 11	<p>Frontend: work on login and register pages, and edit profile popup</p> <p>Backend: work on User-related endpoints</p>	<p>Frontend: work on join GameInvite page, create Game popup</p> <p>Backend: work on Game/GameInvite and Comment related endpoints</p>	<p>Frontend: work on game history page, upcoming games page, and view GameInvite info popup</p> <p>Backend: work on Game/GameInvite and Comment related endpoints</p>	<p>Create backend endpoints with database queries (endpoints required listed below under ENDPOINTS)</p> <p>Create frontend pages and components (frontend pages and components listed below under FRONTEND GUI)</p>
Nov 11 - 18	Continuation of Last Week	Continuation of Last Week	Continuation of Last Week	Finish backend endpoints with database queries (endpoints required listed below under ENDPOINTS)

				Finish frontend pages and components (frontend pages and components listed below under FRONTEND GUI)
Nov 18 - 25	<p>Link login page, register pages, and edit profile popup to necessary backend endpoints</p> <p>Complete query descriptions write-up for queries worked on</p>	<p>Link join GamelInvite page and create Game popup to necessary backend endpoints</p> <p>Complete query descriptions write-up for queries worked on</p>	<p>Link game history page, upcoming games page, and view GamelInvite info popup to necessary backend endpoints</p> <p>Complete query descriptions write-up for queries worked on</p>	<p>Link backend endpoints with completed frontend</p> <p>Work on implementation for Club entity (if time permits)</p> <p>Query descriptions write-up for Milestone 4</p>
Nov 25 - 29	<p>Milestone 4 write-up</p> <p>Finish any lingering work</p> <p>Perform app testing with focus on features worked on</p> <p>Demo prep</p>	<p>Milestone 4 write-up</p> <p>Finish any lingering work</p> <p>Perform app testing with focus on features worked on</p> <p>Demo prep</p>	<p>Milestone 4 write-up</p> <p>Finish any lingering work</p> <p>Perform app testing with focus on features worked on</p> <p>Demo prep</p>	<p>Milestone 4 write-up</p> <p>Finish any lingering work</p> <p>Perform app testing</p> <p>Prepare for demo</p>

FRONTEND GUI

- Login and Register Pages
- Sidebars (this will be included on all pages, excluding Login and Register)
 - Includes:
 - Left nav bar
 - Navigation to other pages
 - Create New Game Button
 - Right bar

- User Profile
 - Logout button
- Join GameInvites Page (Home Page)
 - Description: will display open GameInvites that the user can join
- Game History Page
 - Description: display history of games user has been apart of
- Upcoming Games Page
 - Description: display a list of upcoming games the user has joined
- Create Game Popup
 - Description: a popup that will appear when the user clicks on the “Create new Game” button. Will allow the user to create a new Game for people to join
- View GameInvite Info Popup
 - Description: a popup that displays the GameInvite info and any comments left on the GameInvite. It will appear when the user clicks on a GameInvite. If the GameInvite is still live the owner of the GameInvite will be able to update the description or image of the GameInvite
- Edit Profile Popup
 - Description: a popup that will appear after clicking on the user profile on the right bar. Used to edit user information
- Club Feature Implementation (Pages / Features that will be implemented if time permits)
 - Includes:
 - Join Club Page → similar to the Join GameInvites page
 - Create Club button and popup → similar to how the Create GameInvite button and popup will work
 - User’s Clubs page → list all the clubs the user is apart of; will be similarly structured to the Game History page

ENDPOINTS

- User
 - Register User
 - Login User
 - Update User Info
 - Delete User
 - Logout User
- Game / GameInvite
 - Create Game
 - Includes creating a GameInvite, Reservation, and possibly a Picture
 - Will involve associating with a Court and possibly a club (if time permits)

- Delete Game
 - Will delete the associated GameInvite, Reservation, and Picture (if there is one)
- Update GameInvite
 - Allow users to update the description and Picture associated with the GameInvite
- Join GameInvite
 - Will add a user to a Game, incrementing currentlyEnrolled and updating the isFull attribute if at capacity
- Display Available GameInvites
 - List all GameInvites that are open
- Display Game History
 - List all the games a user has been apart of
- Display Upcoming Games
 - List all the upcoming Games that a user has
- Close GameInvite
 - Will set the status of a GameInvite to closed
- End Game
 - Will set a Game to not active
- Comment
 - Comment on GameInvite
 - Creates a Comment that will appear in a GameInvite's comment section
 - Reply to Comment
 - Creates a Comment that will appear as a reply to another comment within a GameInvite's comment section
 - Delete Comment
 - Will delete any reply comments
- Club (if time permits)
 - Create Club
 - Delete Club
 - List Clubs
 - Join Club
 - User will become associated with a club