



Game Connect

created by

T5

Our Team:

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Why Use Game Connect?

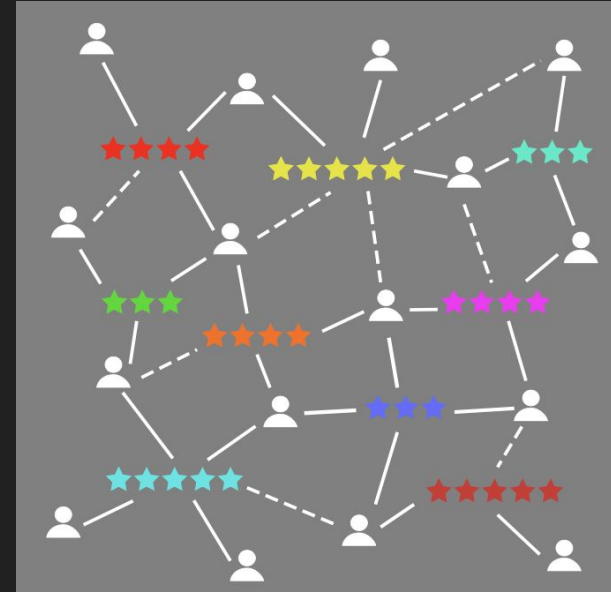
Have you ever asked yourself what game you want to play next? There are so many options that it can be overwhelming. Game Connect simplifies this process. By taking your game interests, we bring you to other games that gamers like you enjoy so that you can keep on gaming.

Our Mission:

To create a world where gamers can boldly go where gamers like them have gone before.

About Game Connect

- Game Recommendation System
- Creates a profile for user and keeps track of their games
- Based on their reviews of these games, Game Connect searches for other games that this user could like
- Uses top-k most similar users to find perfect match



Project Tools Used

-Github



-Trello

-Heroku

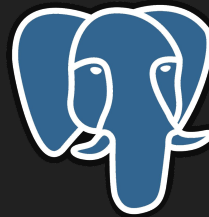


-Discord



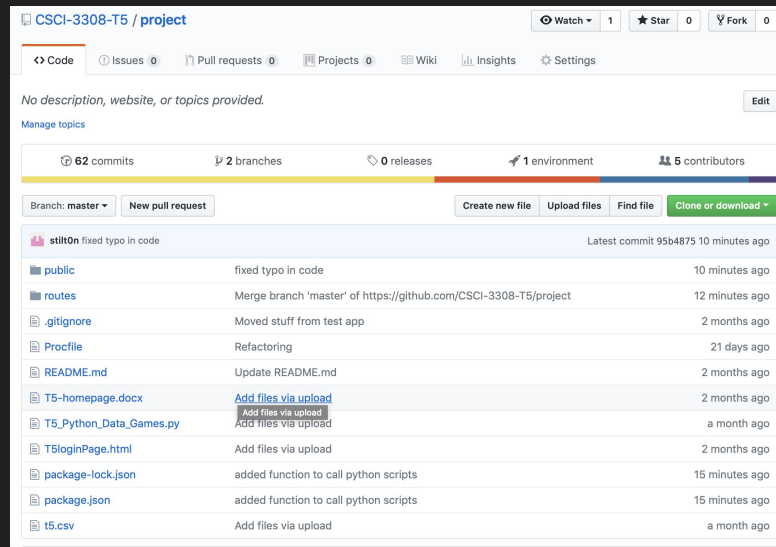
-Postgres

-TravisCI



Github

- Provided a place to upload and host all code.
- Stored backups of our project and acted as a safety net.
- Rating: 5

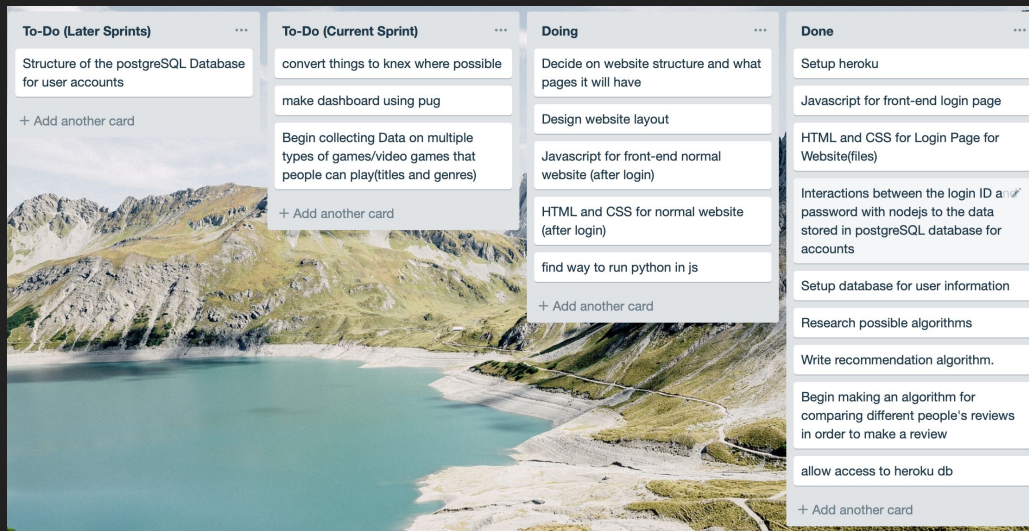


Trello

- Useful Kanban forum
- To Do/ Doing/ Done
- Inspiration Column
 - To-Do (Later Sprint)
- Rating: 3

Inspiration Column:

This column provided us inspiration for the future. If we were able to accomplish all of our original goals, we would add the these features.



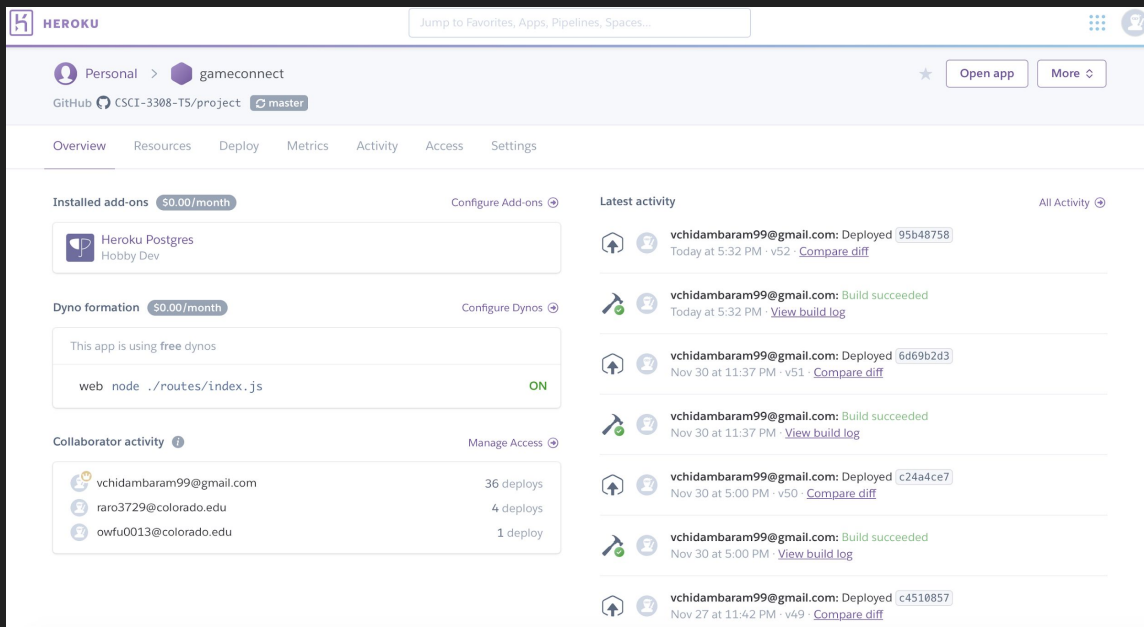
Heroku

Heroku is used to deploy our app.

-PaaS

-Rating: 5

-Easy to use, pulls Github work right into project, launches app after making all assets on Github



The screenshot shows the Heroku dashboard for the 'gameconnect' application. The interface is clean and modern, with a purple header bar. The main content area is divided into several sections:

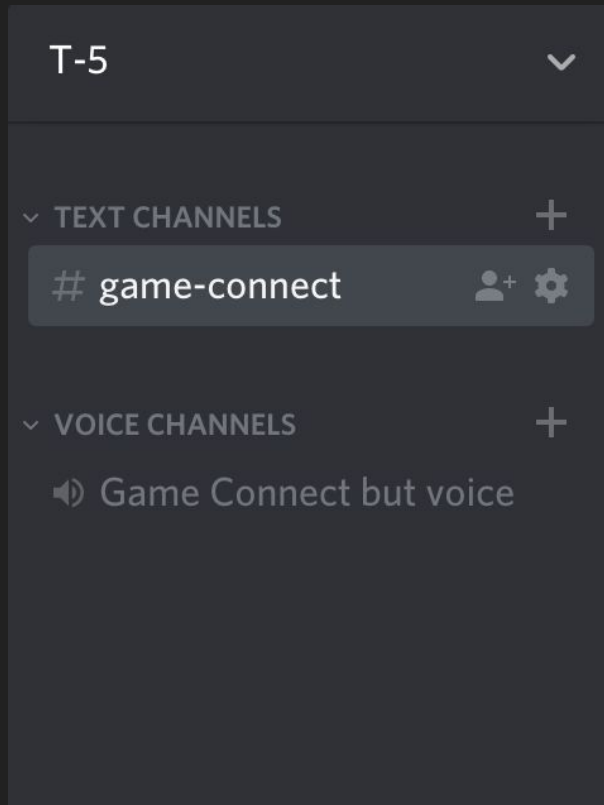
- Overview:** Shows the application name 'gameconnect' and the current branch 'master'.
- Installed add-ons:** Lists 'Heroku Postgres' and 'Hobby Dev' with a monthly cost of '\$0.00/month'.
- Dyno formation:** Shows the application is using 'free dynos' and the command 'web node ./routes/index.js' is running 'ON'.
- Collaborator activity:** Lists three collaborators: 'vchidambaram99@gmail.com' (36 deploys), 'raro3729@colorado.edu' (4 deploys), and 'owfu0013@colorado.edu' (1 deploy).
- Latest activity:** A list of recent deployments and builds, including timestamps and version numbers (e.g., 'v52', 'v51', 'v50', 'v49').

Discord

Discord is our communication forum.

- When email is excessive, this works great
- Makes communication easy
- Can connect it so you can get email notifications
- Supports voice if something requires a little extra communication

Rating: 5

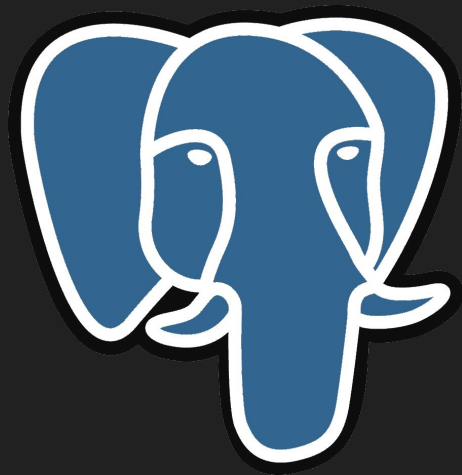


PostgreSQL

Used to manage our database (users, passwords, games, and ratings)

- Easy to use from NodeJS with nodepg, easy to use from python with psycopg2
- Free and simple to use on Heroku

Rating: 5



Unittest + TravisCI

We used Unittest to test our python recommender script, and TravisCI to automate the testing each time it was committed to GitHub.

- Unittest is simple and easy to use

- TravisCI is simple and convenient

Rating: 5, 5

Project Management Methods

-Agile

- Planned individual sprints to accomplish full project
- Gave us a more manageable plan in terms of time and function
 - Kept our project reasonable
- Supported peer programming
 - worked together on different tasks to accomplish the sprint
- Started strong but stopped following closely at the end.
 - We started to realize what we had left from kanBan, and did it

Lessons Learned

- Team Effort
- Lots of pieces go into the final product
- Application of each individual's skills
- Reading and understanding how other people work
- Patience and communication is key

Demo

<https://gameconnect.herokuapp.com/>

Questions???