

ITI 200 Introduction to Cloud Computing

Hotdog Water Casino

Team Members

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1. Problem

- We understand that many people have boredom. Our goal is to provide users with a convenient way to gamble. It could also be used as a party game or for events.

2. Solution

- We solved this problem by creating a roulette wheel game where you can bet fake credit and earn your bets back. Users will be able to create a profile name that will be tied to their credits.

3. Presentation Video

- <https://youtu.be/ErfpnULNeMk>

4. Lessons Learned

- If a page is password protected it can be easily found if the variables are simply named.
- Planning things out is very useful.
- You cannot prevent users from using the console on a webpage
- Communication is important when working as a team

5. Issues/Bugs Known

- Going straight to the roulette page will crash the web page.
- Spinning the wheel before resetting causes it to spin funky.
- Users are able to spin the wheel themselves.
- Webhooks need to be fixed every time the instance is stopped
- The Rick Astley video doesn't like to play on its own for some reason, so instead, it should redirect to the video link and make it auto-play there

6. Future Versions

- We could improve security on the password.
- Lock the spin button on the admin page until it's ready again.
- Prevent users from being able to spin the wheel themselves.
- Prevent user rigging and getting free credits
- Password protection for user accounts

7. References

- N/A