

Uno Dos Tres! Uno Game!

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01

Project Specifications



Project Specifications

- Features we will be implementing:
 - Basic website UI/UX features
 - In-game basic chat application
 - Account Sign In/ Sign Up
 - Account Record
 - Password Encryption
 - Game sessions
 - Protected Web Pages
- Technologies that we will be using/considering:
 - HTML, CSS, Javascript
 - Render
 - Postgres




02

Functionalities Implemented



Actions Users Can Perform

Actions that a user can perform with our platform:

- Create an account by registering.
 - Logging into account with registered credentials.
 - Participate in a chat room with other registered users in both lobby and game pages.
 - Create a game instance.
 - Join a game instance that was created by another registered user.
 - Have multiple active game instances.
- 

03

Problems & Solutions





Project Struggles

- As mentioned in the specifications there were differences when deploying on different systems such as Windows and Linux
- We ended up using a virtual machine with a Linux OS to make certain dependencies easier to deploy.
- Increase meeting times and give tasks sooner into our projects
- Improve our communication within discord and hold each other accountable to deadlines prior to our due dates
- Learning curve for using Pug.



Game.pug

- Biggest hit we took was from implementing our games page.
- Underestimated the complexity of the workload for implementing game logic.
- Better branch management within our GitHub repository.

```
#SIDELOOK {
border-radius: 25px;
background: #e67777;
padding: 15px;
spacing: 0;
align: center;
width: 100%;
}
// Start GAME
table#contact(border='0' width='100%' cellpadding='0' cellspacing='0' bgcolor='#c21010')
tr
  td
    table(border='0' width='85%' cellpadding='15' cellspacing='0' align='center')
      // Heading Start
      tr
        td(height='160' align='center' valign='middle')
          font(face='arial' size='8' color=' #ff9e99')
            strong GAME
            hr(width='70' color=' #ff9e99')
      // Heading End
    style.
      #buttonStyleTwo {
        border-radius: 200px;
      }
    tr
      td(align='center' valign='top')
        table(border='0' width='55%' cellpadding='20' cellspacing='0' align='center' bgcolor='#c21010')
          tr
            td
              table(border='0' width='100%' cellpadding='15' cellspacing='0' align='center' bgcolor='#c21010')
```

Project Improvement

- Time management.
- Divide up tasks properly with detailed specifications that need to be reached by certain dates.
- Better cooperation and communication amongst team members.
- Implement a more pleasing user interface across all pages.

Contributions

Jonathan Chen : 24.5%

Julio Murga : 24.5%

Yuwei Lee : 1%

Michael Almeda : 50%

Total adds up to 100