# Mist

Outlet Corporation (Group 20)

# Roles

Joey Luong Project Manager & Full-Stack Programmer

Harrison Baker Technical Manager & Front-End

Huy Nguyen Full-Stack Programmer

Jon Kraft Back-End Programmer

Eric Liao Back-End Programmer

## **About Us**

- We serve to allow users to search and browse a variety of games in our game library through a web browser.
- Users can chat and create discussions through our online community forums.
- Publishers can also publish their own games alongside our expanding library.

# Requirements/Features

#### **Game Store**

- 1. Allows users to find games by search.
- 2. Allows users to sort games by category and date.
- 3. Allows users to create an account to log in and sign out.
- 4. Allows account users to request publishing games.
- 5. Allows administrators to publish game requests.

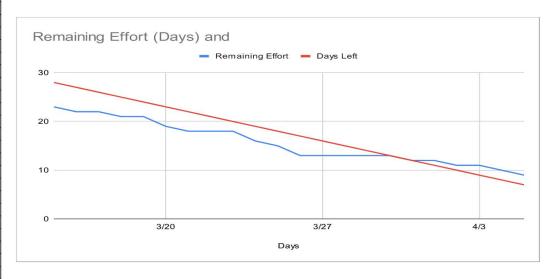
#### **Community Forum**

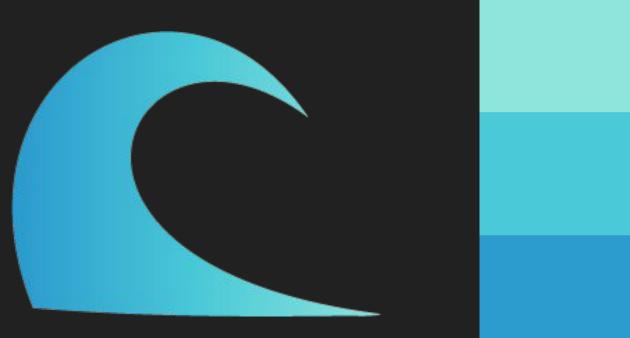
- **6.** Allows account users to make posts on forums.
- Allows moderators to moderate user forums.
- 8. Allows account users to like/dislike posts.
- **9.** Allows users to find posts by search.
- **10.** Allows users to sort posts by likes and date.

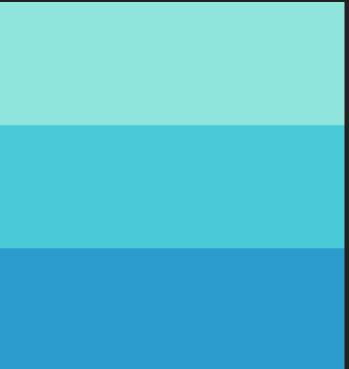
### Other Facts

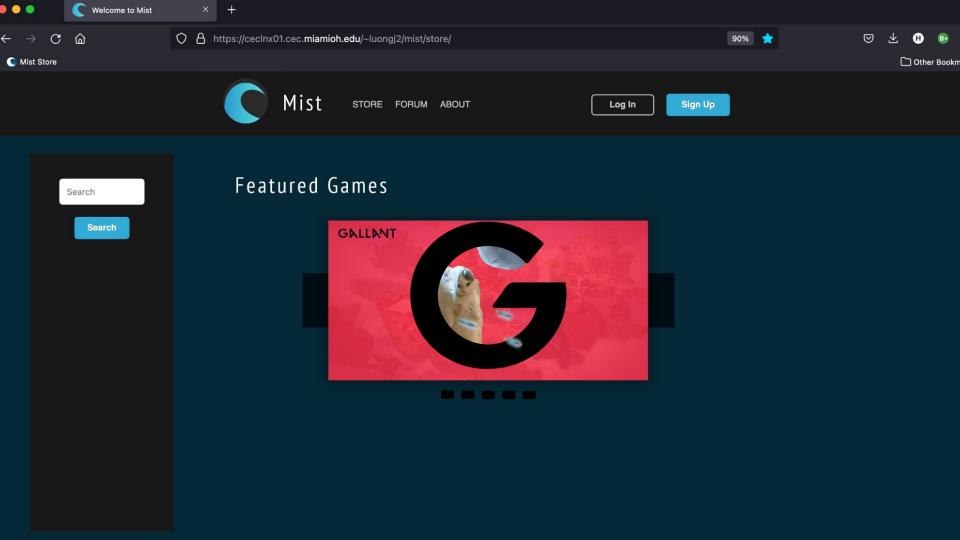
- Pure HTML, CSS, PHP and SQL.
- NO addons used.
- NO libraries used.
- All assets and images are made in-house.
- All code written from scratch.
- Keep It Simple, Stupid.
- This presentation would've been on Miami's CEC Linux server but the PHP is isn't working today. It was just working yesterday, but our SQL server still works.
- But we used the free resources offered at Miami with CEC's Linux Server and the FSB's SQL Server.

Days	Remaining Effort (Days)	Days Left
3/15	23	28
3/16	22	27
3/17	22	26
3/18	21	25
3/19	21	24
3/20	19	23
3/21	18	22
3/22	18	21
3/23	18	20
3/24	16	19
3/25	15	18
3/26	13	17
3/27	13	16
3/28	13	15
3/29	13	14
3/30	13	13
3/31	12	12
4/1	12	11
4/2	11	10
4/3	11	9
4/4	10	8
4/5	9	7
4/6	7	6
4/7	6	5
4/8	5	4
4/9	4	3
4/10	3	2
4/11	3	1
4/12	1	0

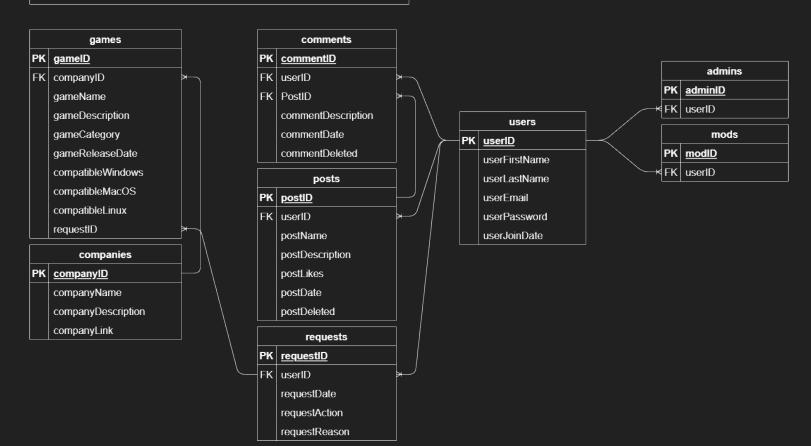




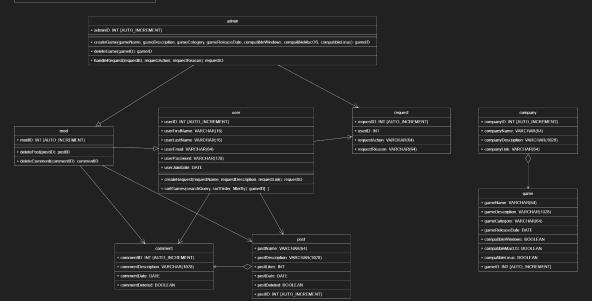




# **Entity Relation Diagrams**

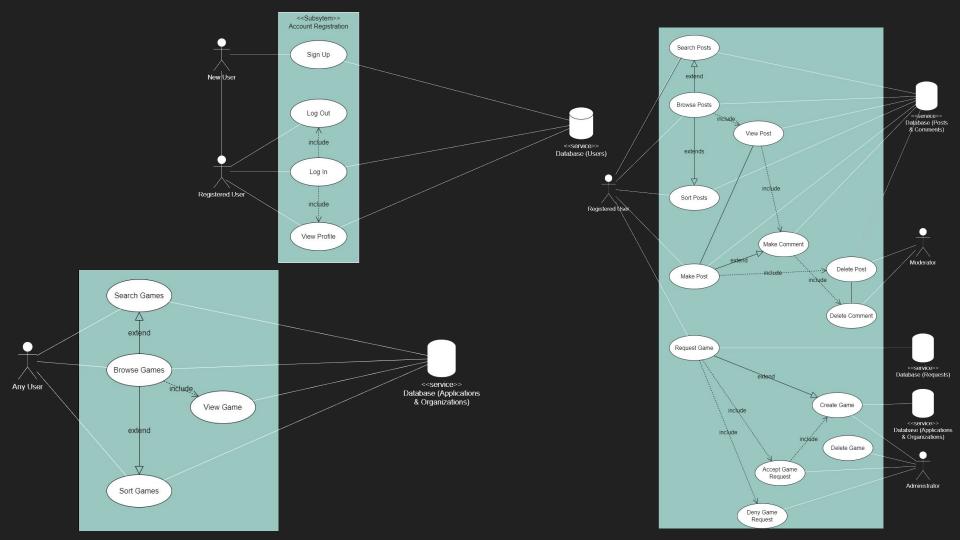


#### Class Diagrams

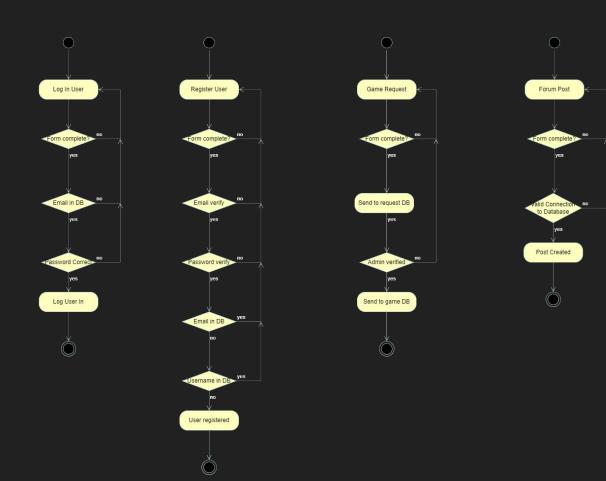


signup form		
+ userf-irstName: string		
+ usert astName: string		
+ userEmail. string		
+ userEmailVerify: string		
+ userPassword: string		
+ userPasswordVerify; string		
+ submitForm(userFirstName, userLastName, userEmail, userPassword): null		
+ emptyInput(userFirstName, userLastName, userEmail, userPassword). boolean		
+ email Taken(userEmail): boolean		
+ emailInvalid(userEmail): boolean		
+ emailsDifferent(userEmail, userEmailVerify), boolean		
+ passwordInvalid(userPassword): boolean		
+ passwordsDifferent(userPassword, userPasswordVerify): boolean		
+ signupUser(userFirstName, userLastName, userEmail, userPassword). userID		

login form		
+ userEmail: string		
+ userPassword: string		
submitform(userEmail, userPassword): null		
+ emptyInput(userFirstName, userLastName, userEmail, userPassword). boolean		
+ emailinvalid(userEmail): boolean		
+ passwordInvalid(userPassword): boolean		
+ loginUser(userEmail, userPassword): userID		



# **State Diagrams**



#### Sequence Diagrams Forum Post Store Search Server/ Authentification Webpage/ Form Webpage/ Form Webpage/ Form Webpage/ Form Webpage/ Form New User User submits search form User login submits form Navigates to request page Check if post is valid Form incomplete Post is invalid (form is filled out) [form incomplete] Form incompletel [form incomplete] Form complete [form empty] Form empty [form camplate] (form complete) [form complete] Display error Display error Display error User ticks the 'Sort by Release Date' filter Check if 'Sort by Release Date' filter is ficked Check if email is in database Post Forum on page Send to request DB and wait for verification 'Nort by Release Date' Mer is licked Final not in debitorse (Sort by Release Date' filler is licked [email not in database] [Verification fails] [Ventication fails] [Ventication tails] "Sort by Release Date" filter is not licked ('Sort by Release Dute' litter to not licked) Successful Post [Verification Succeeds] [Verification Succeeds] [Verification Succeeds] Display error Display error User ticks the 'Sorl by Genre' litter Check if 'Sort by Genre' filter is ticked 'Sort by Genre filter is ticked (Bort by Genre' filter is ticked (password doesn't motals email) 'Sort by Genre' filter is not ticked ['Sort by Genre' litter is not licked] Display error [email in database] [email not in database] Display error Check if username is in database [Usemame is taken] [Username available] Signs the user up and prompts to login