

# Portfolio Website

Callum Worrall

# Purpose

- Demonstrate an understanding of how marketplaces are structured
- Amusement as it is about fictional characters trading and selling planets and will eventually have aspects of game mechanics.

## Great Gete Star and a Planet

Seller: Cooler\_Than\_You

### Description

### Listed Planets:

New Namek



Price: 10000.0

% %> Purchase

Planet Marketplace Categories Search Search

New Listing Credits: 10000 Freez\_Ya Logout

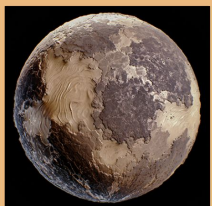
Freez\_Ya

Edit Profile - Delete Account

Full Name: FriezaBio

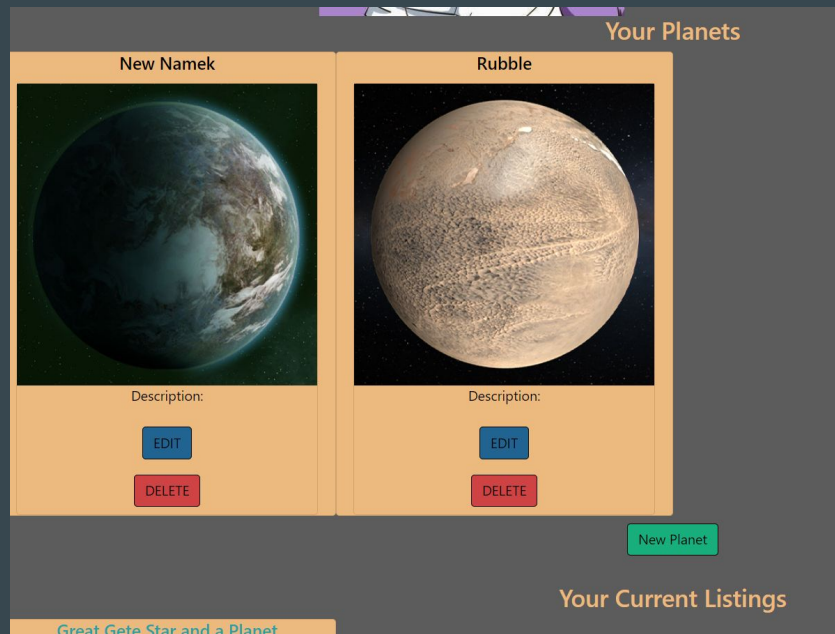
Your Planets

Barreneia

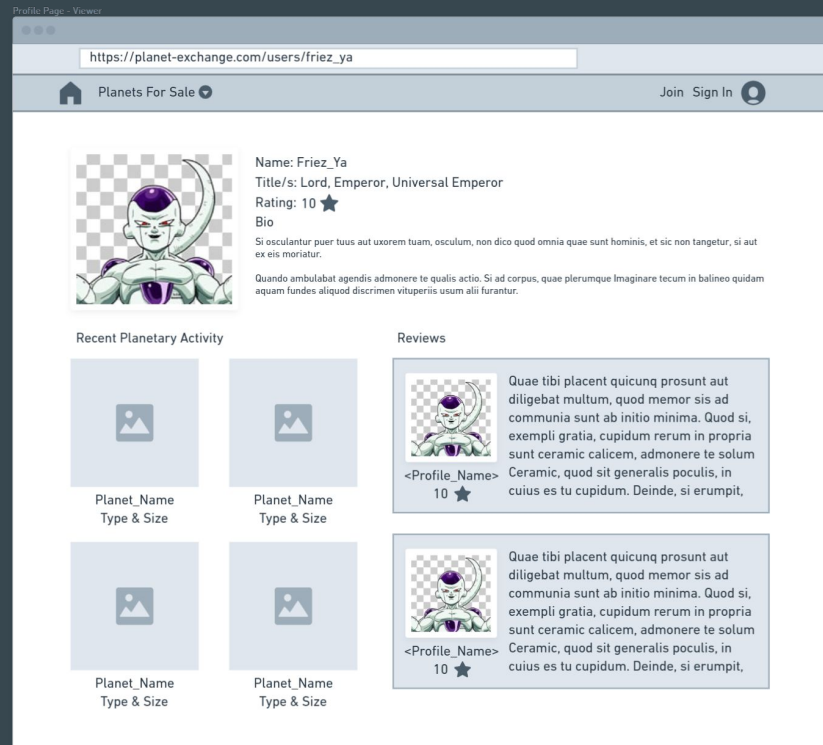
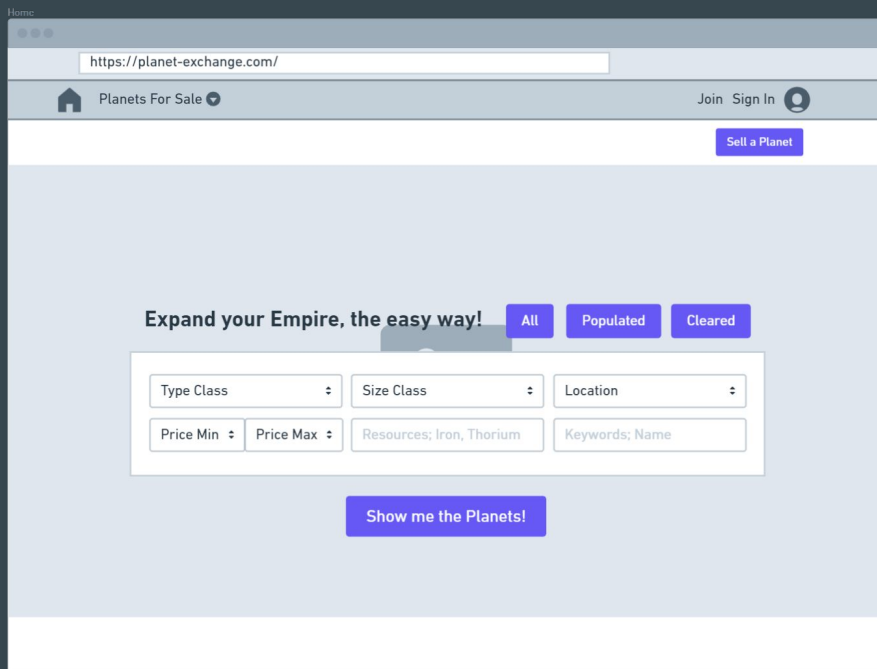


# Functionality

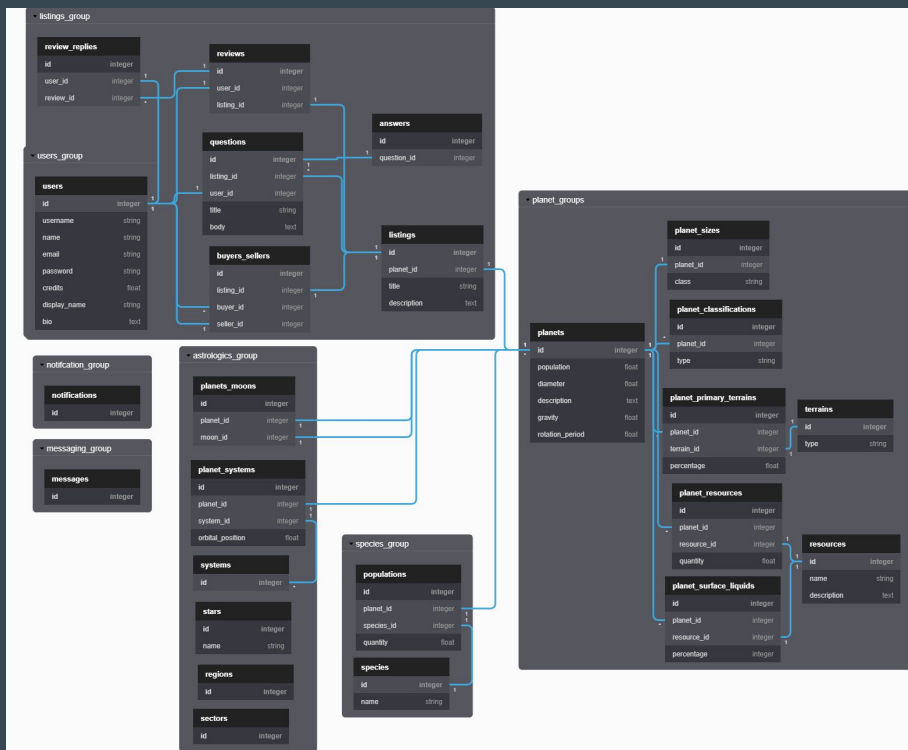
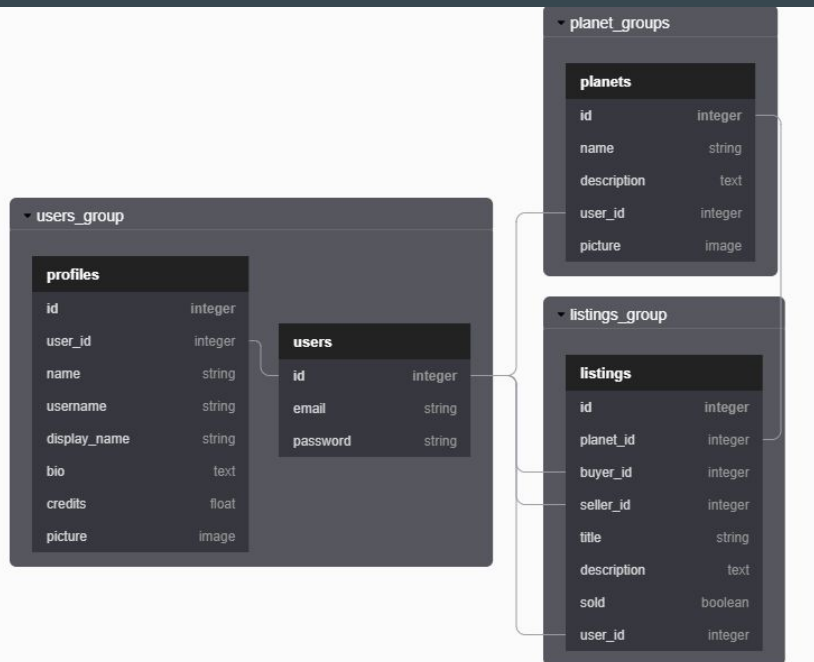
- Create, edit, view and delete profiles.
- Create planets, edit and delete profiles.
- Create listings, edit, view and delete profiles.
- Buy and sell planets using the listings to other users.



# Wireframing



# Entity Relationship Diagram

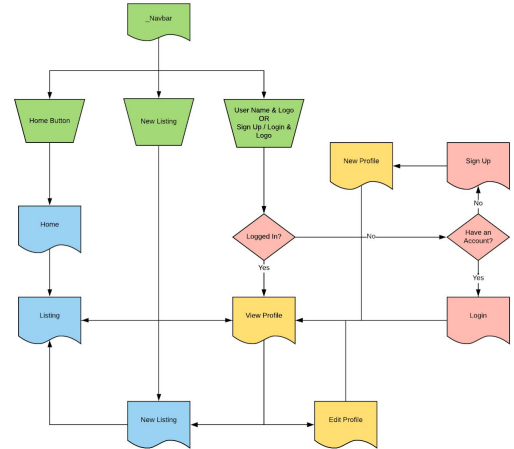


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    usecaseDiagram
        actor Harder as _harder
        actor Transactions
        actor ListingsController as Listings Controller
        actor HomeController as Home Controller
        actor UsersController as Users Controller
        actor Notifications

        Transactions --> Cart
        ListingsController --> NewListing
        ListingsController --> Categories
        ListingsController --> Search
        ListingsController --> Listings
        ListingsController --> Listing
        ListingsController --> AddToCart
        ListingsController --> SelectUser
        ListingsController --> AskQuestion
        HomeController --> HomeButton
        HomeController --> Home
        UsersController --> UserNameLogo
        UsersController --> LoggedIn
        UsersController --> UserProfile
        UsersController --> ListingsReview
        UsersController --> Questions
        Notifications --> NotificationsDropdown

        Cart --> Cart
        Cart --> Checkout
        NewListing --> NewListing
        NewListing --> NewPlace
        NewPlace --> Systems
        NewPlace --> Panels
        NewPlace --> Listings
        NewPlace --> YourListings
        Categories --> SelectCategories
        Search --> SearchFilter
        HomeButton --> Home
        Home --> SearchFilter
        UserNameLogo --> LoggedIn
        LoggedIn --> LoggedIn
        LoggedIn --> HaveAnAccount
        HaveAnAccount --> Login
        Login --> LoggedIn
        LoggedIn --> UserProfile
        UserProfile --> ListingsReview
        ListingsReview --> ListingsReview
        ListingsReview --> Questions
        ListingsReview --> Listing
        Listing --> Listing
        Listing --> AddToCart
        Listing --> SelectUser
        AddToCart --> Cart
        SelectUser --> Listing
        AskQuestion --> Questions
        Questions --> Questions
        Questions --> Listing
        Questions --> NotificationsDropdown
        NotificationsDropdown --> Question
        NotificationsDropdown --> Review
        NotificationsDropdown --> Listing
  
```



# What's next...

- Planet Resource Generation: Acquire resources via built structures that can be used for a variety of construction purposes or sold in raw bulk.
- Army Building: Requisition armies from a planet's population or buy a mercenary army.
- Planet Claiming: Acquisition through conquering using armies, either 'unclaimed' planets or perhaps even other warlords planets.