CSI 3450 Final Project Presentation

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Codtopia

What Are We?

Codtopia is an application made to assist players with the "Gunsmith" from Call of Duty: Modern Warfare.

The "Gunsmith" is where players go to create loadouts to use during matches. Though in-game, players are limited to only 10 loadouts and have no easy way of viewing loadout items before unlocking them.

Codtopia was created to solve both of these problems.

How Are We Used?

Users can navigate through multiple sections of in-game loadout items.

Users can create, view or modify saved loadouts.

Users can view in-game items sorted by player unlock level.

Admins can add, modify or delete entries since items are frequently added and adjusted.
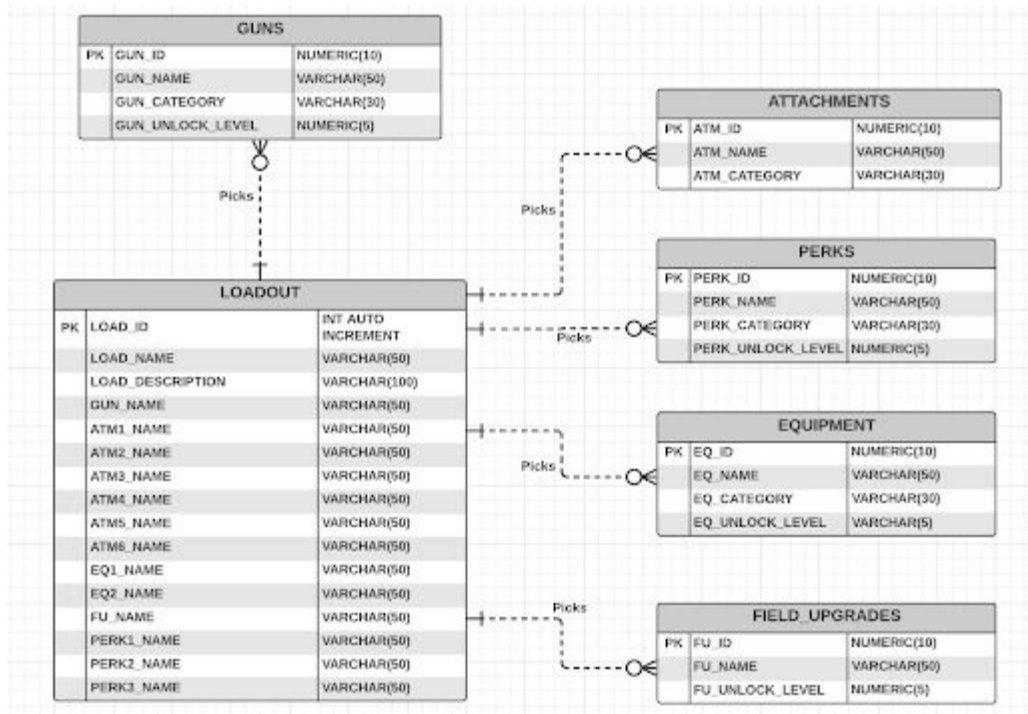
How Did We Build It?

The main way that this site was built was using PHP and HTML.

Through HTML we were able to get a GUI going which allowed us to include everything we wanted the user to be able to do.

Through PHP we were able to actually implement those things we wanted the user to be able to do through various methods/loops that connected to the database creating, reading, updating, deleting, and sorting through the data.

ERD Summary

The ERD for CODTOPIA is pretty simple. We first have an ID associated with every table. This ID is our primary key and allows us to keep a unique record of each individual entry. In each table to most important attribute is the 'NAME' which allows us to populate CODTOPIA with everything that a user would need to create a class/loadout. So at a high level the user will create one loadout that will be able to pick zero or many of each of the categories available for selection.

Demo Page

Demo Content:

- Project Setup, Front-end, Back-end
- Demo the Following Operations:
  - Create new entries
  - Read existing entries
  - Update existing entries
  - Delete existing entries
  - Search/Sort entries based on meaningful criteria