

Inventory tracking system

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Description

Do you need an easy to use inventory tracking and lookup web accessible program to keep track of important details like donation items, donors, dates and where they are in your backroom? My project is a application that aims to help something like a non profit small company keep track of items and details of its donations such as dates, donors, details about what the item is and where it is located.

Features

- Database of added items, donors, and categories of donations.
- The ability to search through donations to find a certain item.
- The ability to create read update and delete new or existing items on the fly.
- A exportable csv function for different column of the database to see what different people and or categories and items exist in a table format.
- Real Time updating of database.
- View full details on any item in inventory without having to load a new page.

Planning - User Stories

- Users can add a new donation into the database inventory.
- Users can search and filter through the inventory.
- Users can view update or delete any item in inventory.
- Users can add new donors and categories to be used again in new donations.
- Users can export csv of the database selected tables/columns.
- Users can quickly load details and the database in real time without refreshes or downtime.

Planning - DB and Models

Models classes / tables

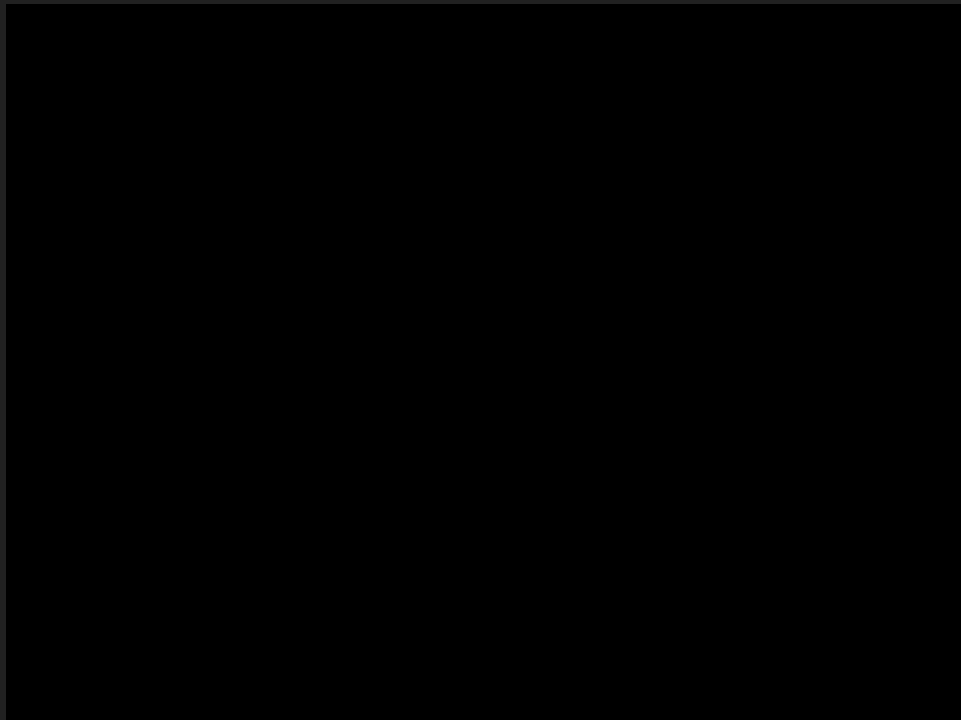
- Index controller / Model to handle all functions and database calls needed to make the webpage function and perform any action needed.
- Category table to hold different categories to be selected when adding a new donation.
- Donor table to hold different donors and their information when adding a new donation.
- Donations table to hold the donations information as well as a key linking it to a specific category and donor enabling reuse for multiple donations by the same donor and category.

Technology Stack

- Php
- Javascript
- Ajax
- MySQL
- Bootstrap
- CSS/HTML

Demo

All content is Responsive for
Mobile web pages and automatically
Scaled and fitted to size.



Another link to the video

<https://drive.google.com/file/d/1ijO6Mc4xmHljXG-Q9rCx6ldpiF6ya71S/view?usp=sharing>

What I Learned

- Php, bootstrap, AJAX javascript.
- On demand loading of content and data from the database.
- General skills in web development such as database setup and connections, page layout, formatting, php techniques.
- How to automatically generate html pages from data and php.

What's Next

- Learning how to incorporate the mvc model into php and coding using its conventions.