COLLEGE OF ENGINEERING

Electrical Engineering and Computer Science

SUMMER 2019

HORSE CAMP MANAGEMENT SYSTEM

HCMS: TEAM AND DESIGN

- Team Members include:

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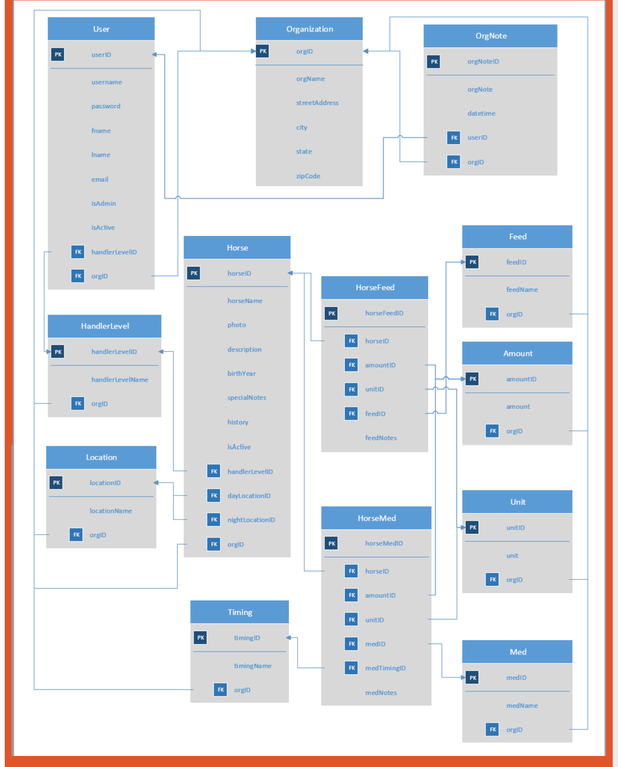
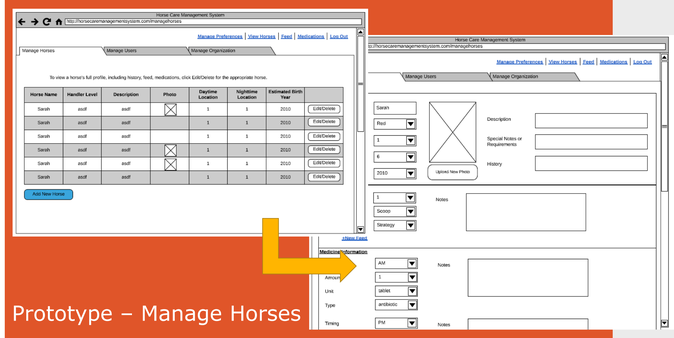


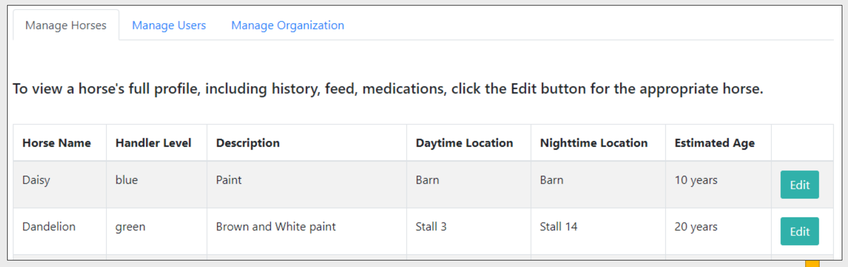
HCMS Database Schema



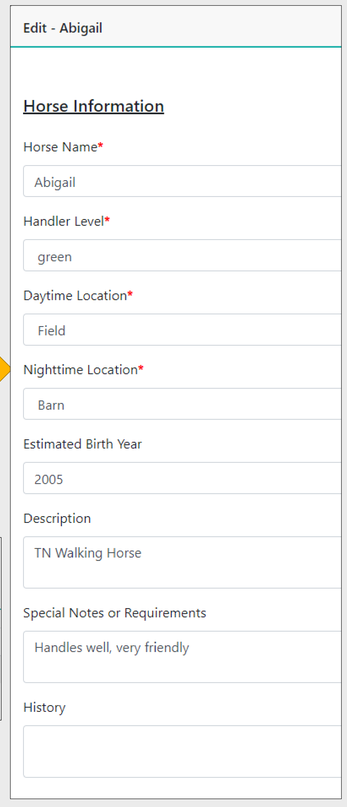
Prototype – Manage Horses

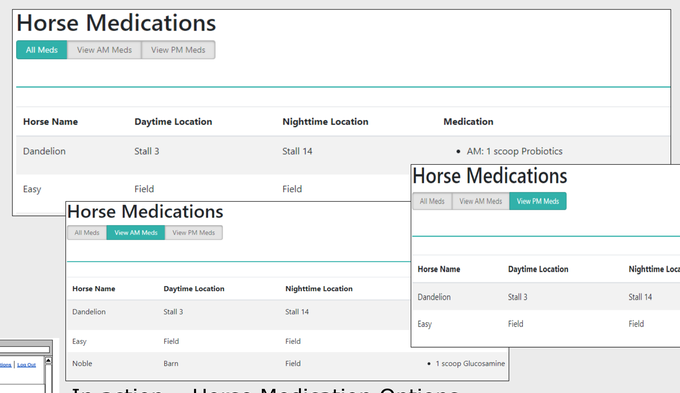
HORSE CAMP MANAGEMENT SYSTEM

Horse Camp Management System is an application designed to support the care and management of horses. The system includes options to manage each horse's feed, medications, handling requirements, and other history information.



In action – Manage Horses





In action – Horse Medication Options

IN ACTION – MANAGE HORSES

Manage Horses is part of the Manage Preferences menu, which also includes Manage Users and Manage Organization.

In this menu, a user is able to add a new horse to the system, as well as edit or inactivate a horse that has already been added.

When clicking the Edit button, a modal (pop-up) appears with the fields populated with data from the database for that specific horse.

A user can then edit or add to the fields as needed and save the changes in order to update the database.

IN ACTION – HORSE MEDS

Horse Medications is a view that allows the user to see each horse, the horse's location in the day and night, and the medications they receive at those times, if applicable.

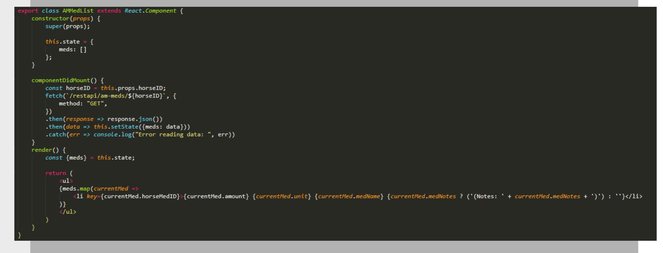
With this view, there are options to view all medications, or medications by morning or night. This allows the handler or the person preparing medications to efficiently gather the supplies needed for the appropriate time of day.

In addition to the Medication view are the Horse and Feed views, which allow handlers to view horses at the camp, as well as the feed each horse should receive.

HCMS: TECHNOLOGIES AND LANGUAGES

- HTML
- CSS
- JavaScript
- SQL
- Bootstrap
- React
- MySQL Workbench
- Heroku

Horse Medication – All/AM/PM options



Horse Medication – AM option

Manage Horses – Edit Horse

https://horse-care-mgmt-system.herokuapp.com/
Github: https://github.com/chantiggi/HCMS-App-CS467

Oregon State University