

Capitol Farms Feed Manager

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Description

Each horse at Capitol Farms receives personalized grain amounts for daily feedings. All changes are made by the Barn Manager but Feeders all have to follow updates and changes to each horse's diet. This program allows the Barn Manager to set feed types and amounts for each horse and shows feed reports to all Feeders.



Features

- Facebook login
- AM/PM Feed Reports
- Horse detail page shows each horse's assigned feeds



Planning - User Stories

The Barn Manager will be able to track all horses and grains using those menus. The diet of each horse is able to be modified and changed either from the Feed Amount Menu or the Horse Detail page.

Feeders will be able to view the AM or PM Feed Report and sort the report by horse location or by horse name.



Planning - Database

The database has a horse table, a grain table, and a feed amount table. The feed amount table combines the first two tables and tracks the types of grain and amounts for each horse.

The database also tracks user data from registered users and Facebook users.



Technology Stack

- Language - C#
- Framework - ASP.net Core
- Template engine - Razor Pages
- Database engine - SQLite
- Relational database mapping - EntityFramework
- CSS - Bootstrap v3



Demo



What I Learned

- Used ASP.net Core and C# for the first time
- Used Identity Services to create users and authentication through Facebook
- Employed complex Framework for database mapping



What's Next

- Add supplements and medications with dates
- Including a recent changes banner to highlight any modifications
- Add photo upload

