InterFact:
Railroad Crossing
Information System

InterFact Client & Information:

Mr. Kyle Johnson

CIO for the Muncie office of Emergency Management

Works with Emergency Operations / First Responders overseeing GIS mapping data, web applications, & other services for the Delaware Country Emergency Management Agency

Interfact is a software system that uses physical cameras at railway intersections in Muncie to map open and blocked roads for first responders.

Interfact Iteration 1 Demo!

Mid-Iteration Mentor Feedback:

- Feedback:
  - "Solid. Great 1st iteration"
  - Recommended error catching features
  - Confirmed API functionality

- Changes Made:
  - Added error catching methods to our second iteration plans

Client Feedback

- Feedback:
    - "Great work!"
    - Transition to admin dashboard for 2nd iteration.
- Changes Made:
    - Began outlining admin dashboard for interfact system backend.

1ˢᵗ Iteration Features

- Interfact System API:

  - Our API overlays geoJSON data onto a map, displaying railroad intersections and their current open or blocked status.

Planned
Iteration 2 Features:

- Admin Dashboard

    + Add & remove cameras

    + Request current pictures from intersections

    + Data & statistical view of intersection data

- Error catching features for API

Retrospection:

- What does each team member think about this iteration? / lessons learned

- Properties of quality software sacrificed for functional software?

- Plan to approach iteration 2?

Favorite "Not-Dogs"

Tanner

Brooke

Ethan

Bella

Mason