InterFact:
Railroad Crossing
Information System

Team Members

- Mason
- Brooke
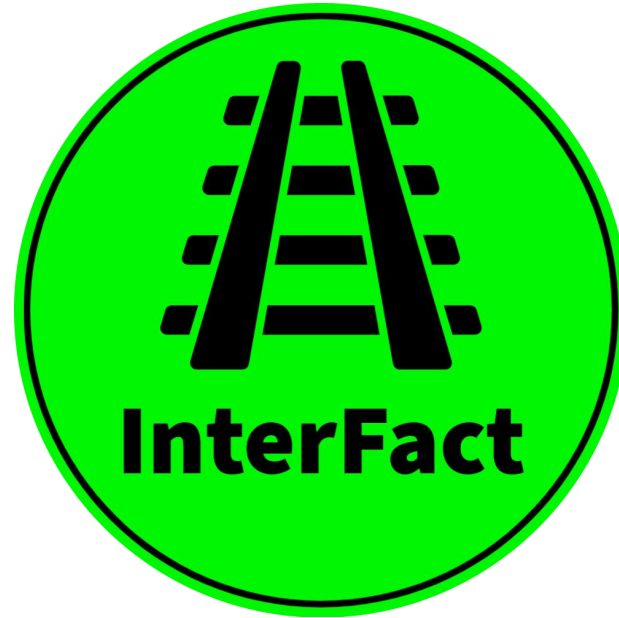- Ethan
- Bella
- Tanner

InterFact Client & Information:

Huseyin Ergin

You know him

Determines if a train is blocking an intersection in Muncie, using cameras and machine learning

An Admin Dashboard for reviewing data about the InterFact system

2ˢᵗ Iteration Features

- Interfact Admin Dashboard:

  - Displays intersections with pictures that show whether it is blocked or not
  - Shows if a camera is still working or not.

Mentor Feedback

- Feedback :
  - "Django is going to be a lot more difficult to implement than Next.js, especially for a team that has not done a backend in Django before."

- Changes Made:
  - Migrated the front and back ends of the project to use the Next.js framework.

Client Feedback

- Feedback:
  - Would like to be able to filter the camera list view based on when images have been received.

  - Would like to add a firebase attribute for when cameras are being serviced

- Changes Made:
  - Incorporated both items into planned iteration 3 features.

Interfact Iteration 2 Demo!

Planned Iteration 3 Features:

- Admin Dashboard

    + Filter intersections by time

    + Show database of camera logs

    + Rank intersections requested by users by popularity

    + Show user reports of incorrect predictions and verify them, sending the picture to a place the machine can learn from it

Current Mood

Brooke

Bella

Tanner

Mason