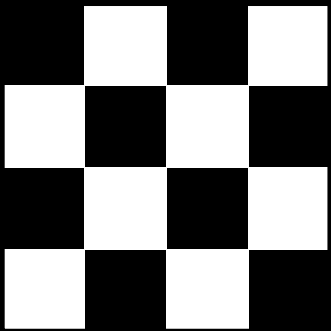


CHECK



Developers:



Gareth Fultz



Josh Lewis



Nate Louder



Calvin Kinatader



Jimmy German

Advisor: Professor Hawkins

PROBLEM

Neural networks are difficult to rapidly prototype without coding knowledge. Beginners should have an easy way to familiarize themselves with machine learning concepts.

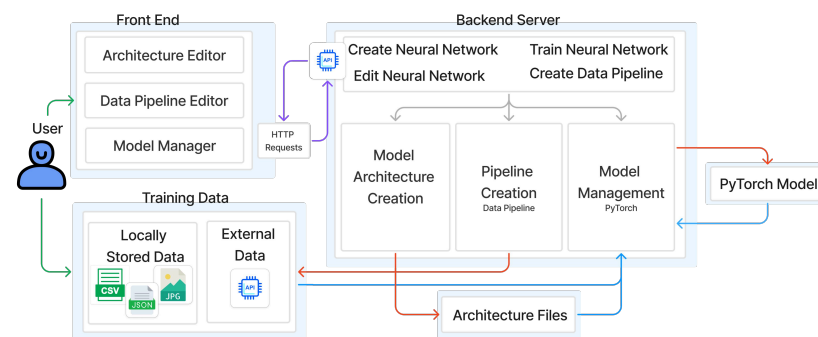
TECHNOLOGIES



SOLUTION

An application that allows the user to visually create and manipulate neural networks. The app has two components: a Svelte front-end and a Python back-end.

DESIGN DIAGRAM



INTERFACE



USE CASES

- Tool for educational demonstration to students.
- Data analytics on small personal datasets.
- Reduce the workload of making a neural network.

FUTURE WORK

- Automatic hyperparameter search
- More supported layers
- Pre-built model templates
- Distributing computing abilities
- Desktop application