

NDSU Big Data Pipeline UI

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Sponsor: NDSU Plant Sciences Big Data Team



Capstone 2022

Mission Statement

The tolerance of different plant species to environmental stresses can be effectively analyzed using large-scale data analysis. Our primary objective is to allow plant breeders a method of interfacing with machine learning models to enhance the efficiency of their research.

What are we building

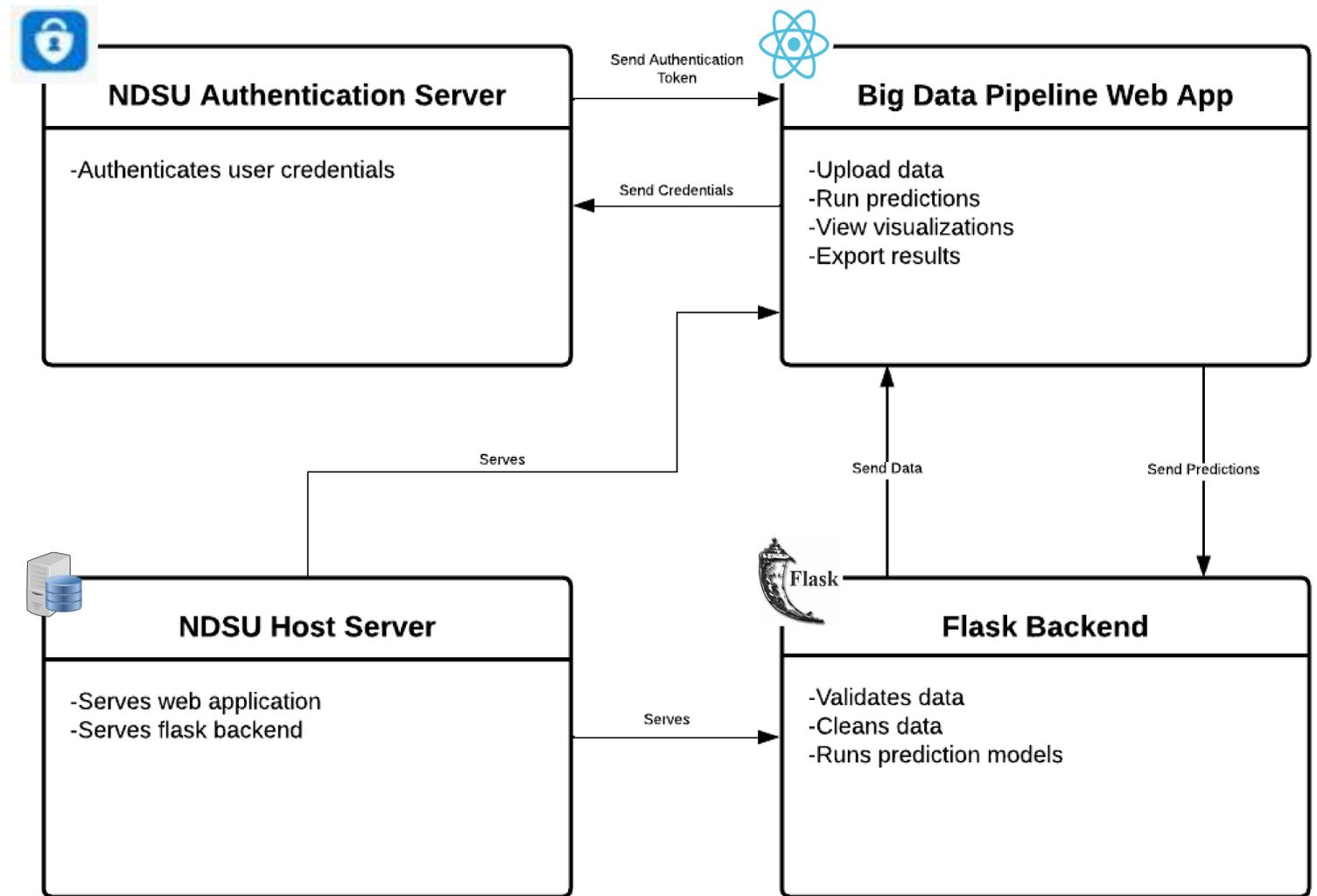
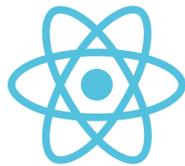
A web application that provides plant breeders a modernized process and support.

Why are we building it

The existing machine learning models developed to aid researchers do not have a user-friendly method of interaction.

How are we building it

Framework: React
Language: JavaScript
Backend: Flask
Repository: GitHub



Application Flow Diagram

