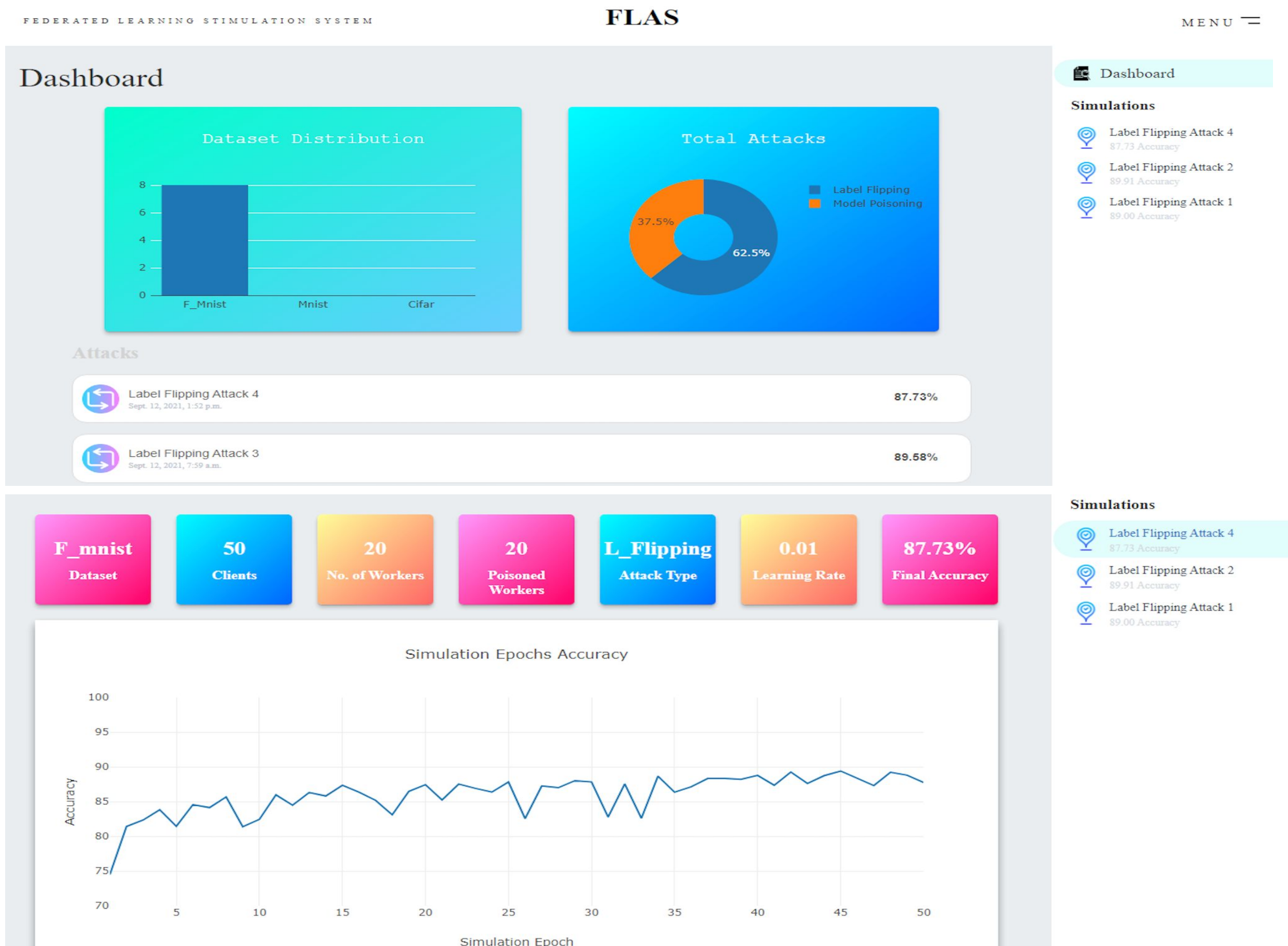# FLAS

An easy to use platform that simplifies workflow to Federated Learning Attacks Research

Student: Loh Yuanchao   Supervisor: Dr Yu Han

Project Objectives:

The project aims to create an application (FLAS) that empowers actors of varying degrees of expertise to partake in Federated Learning (FL) Attack Research. Designed with an easy-to-use workflow that facilitates non-FL professionals' learning and participation. Accelerates testing and analysis capabilities for FL expert users. FLAS will be the first web-based simulator, allowing user interfaced attack configurations and attacks simulation and analysis on pre-defined attacks. The effects of the adversarial attack on the FL model will be recorded and analysed through a dashboard interface.