

Done

Assignment Details
2202-CSE-3310-064-FUNDAMENTALS OF SOFTWARE ENGR

Description

This is the UML portion of your team project. Please use the following standard for naming your diagrams:

TeamX_UML_Type_00x, where TeamX is your team number, and Type is the type of UML diagram. E.g.: Team1_UML_AD_001, where AD stands for Activity Diagram. The diagrams should follow the sequence below:

- Class (CD) - Minimum of 1
- Use Case (UC) - Minimum of 1
- Activity (AD) - Minimum of 3
- Sequence (SD) - Minimum of 2
- State Machine (SM) - Minimum of 1

Name each diagram in this way and place them together in a PDF file to be named TeamX_UML_33104_Spring2020. Please include a simple cover with the name of all members. The iteration leader is the one who makes the submission.

Submit Assignment

Use Case: Depict
overall usage of our App

AD1: User log

AD2: User interface interaction

AD3: Submission of photo to interact with ML model

AD4: Back end interaction with Model

ADS: Adjustments

SD1: Login

SD2: Front end interaction w model

SD3: Support options

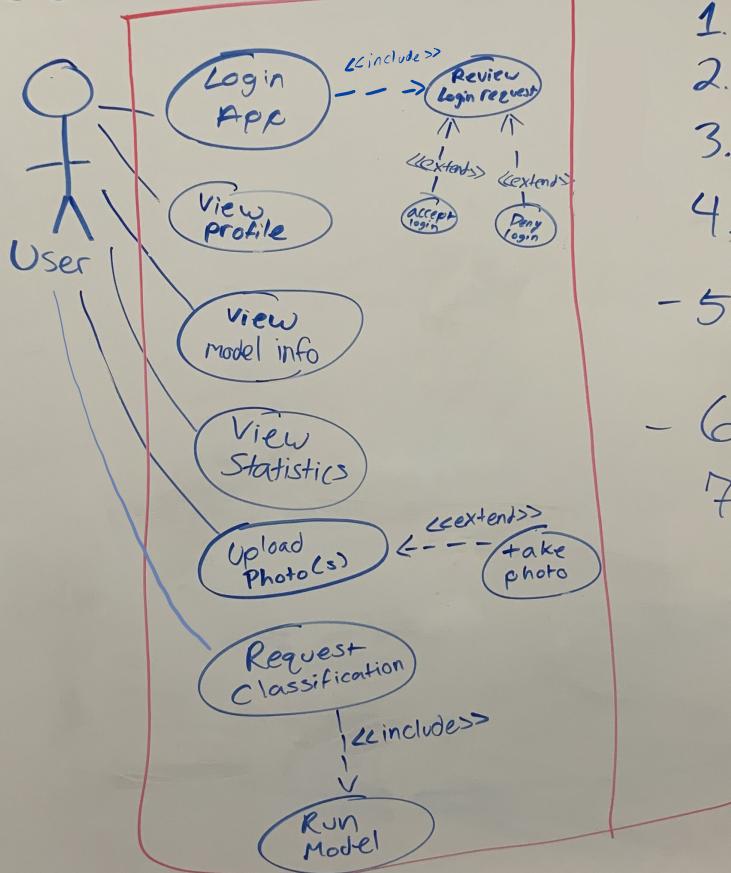
SD4: Training → Test

SD5: Testing → Deployed

State diagram: Backend

Class diagram

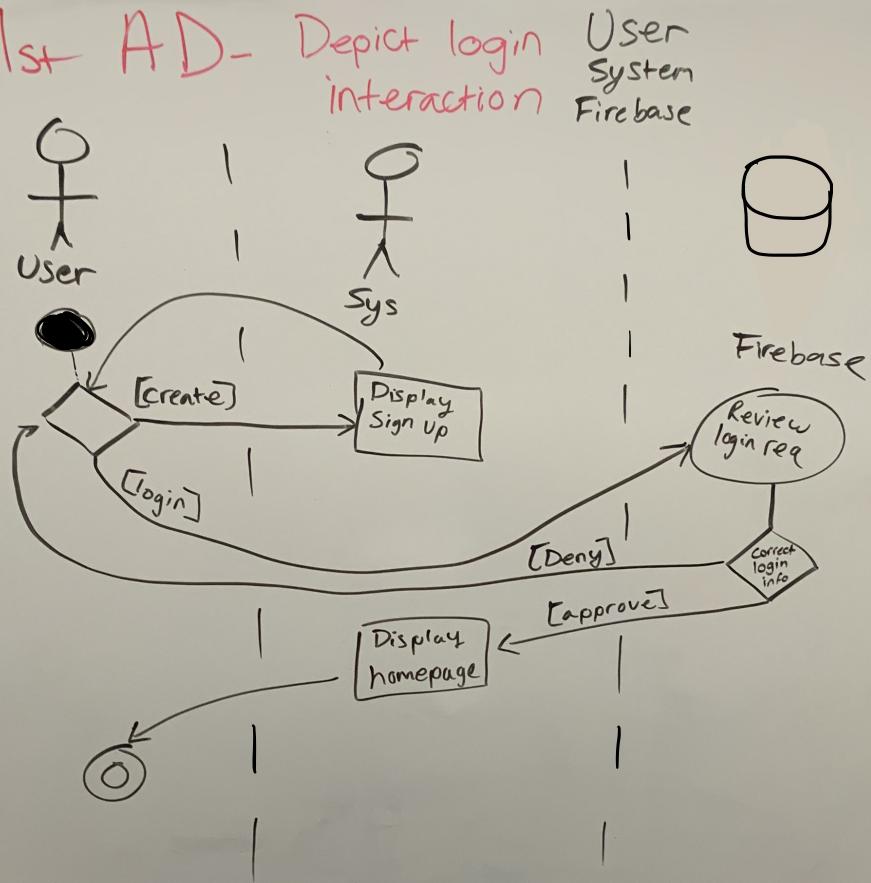
Use Case Sys boundary



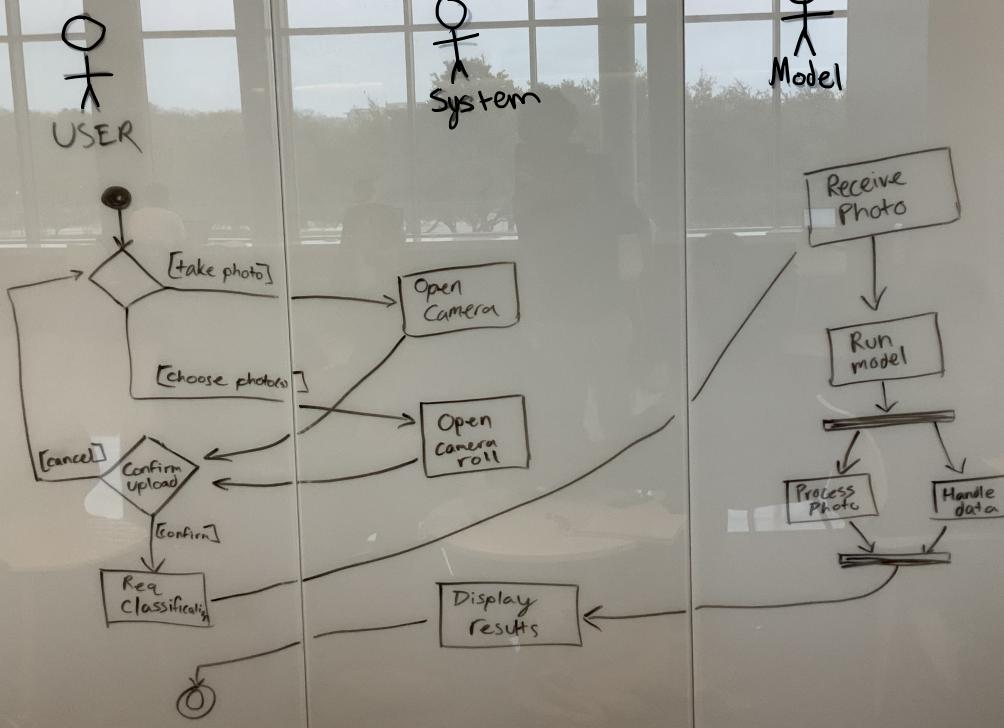
Req

1. Login -
2. Homepage -
3. Profile page -
4. Classification model
- 5. Model information (about page)
- 6. Statistics
7. optional camera

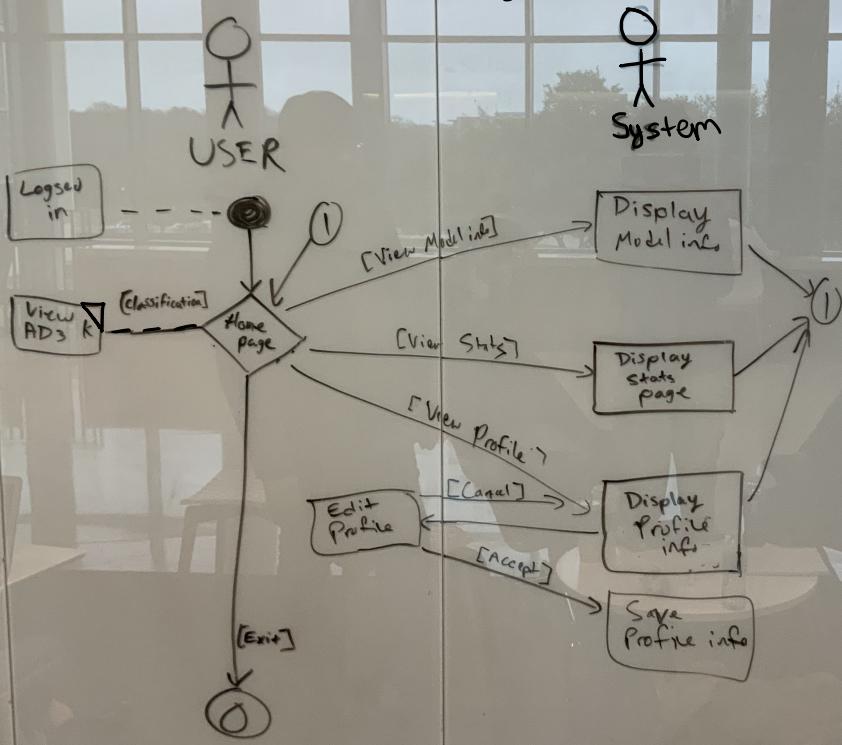
1st AD - Depict login interaction



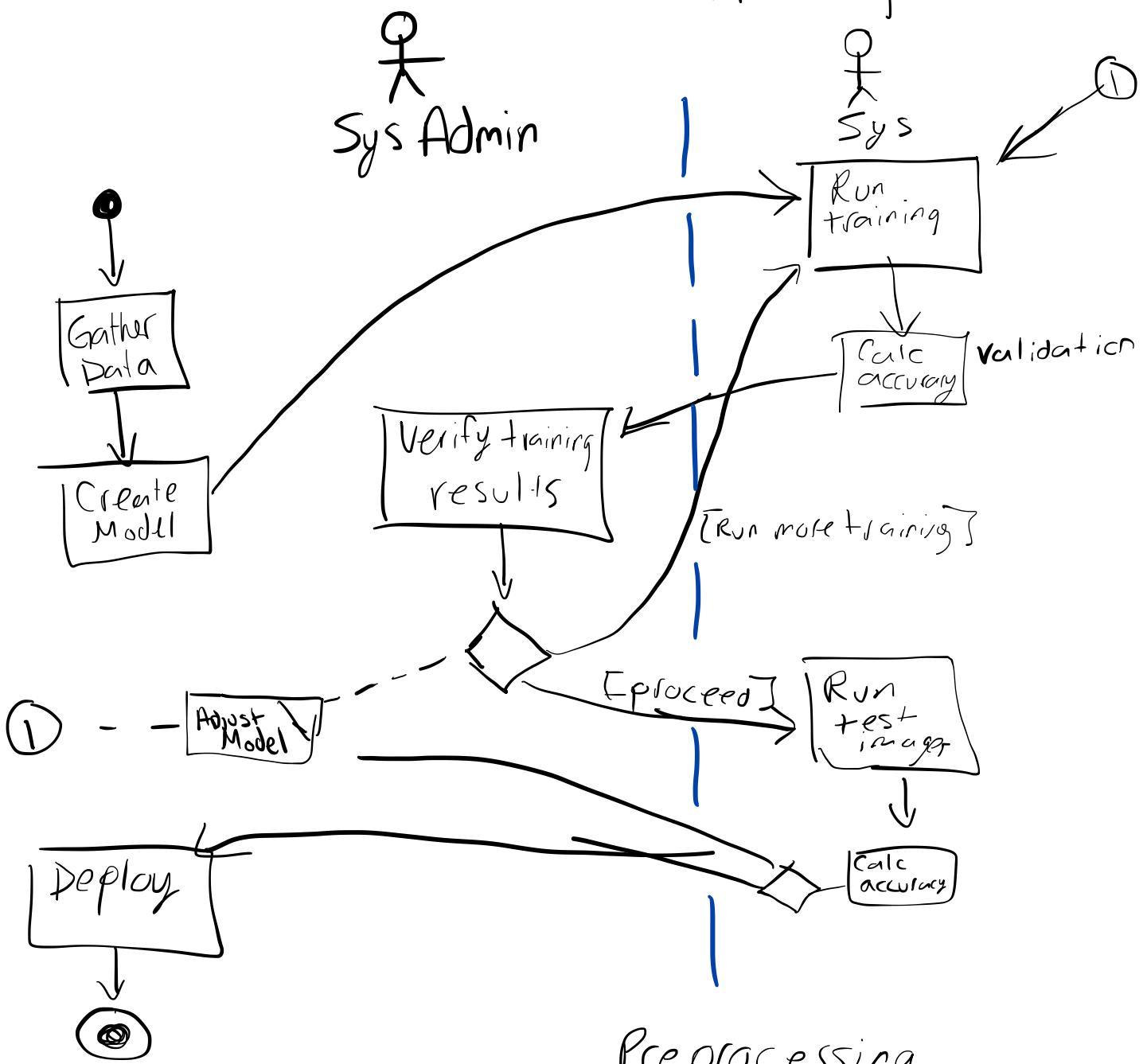
Activity Diagram 3: Interaction with Model



Activity Diagram 2: Home page interaction



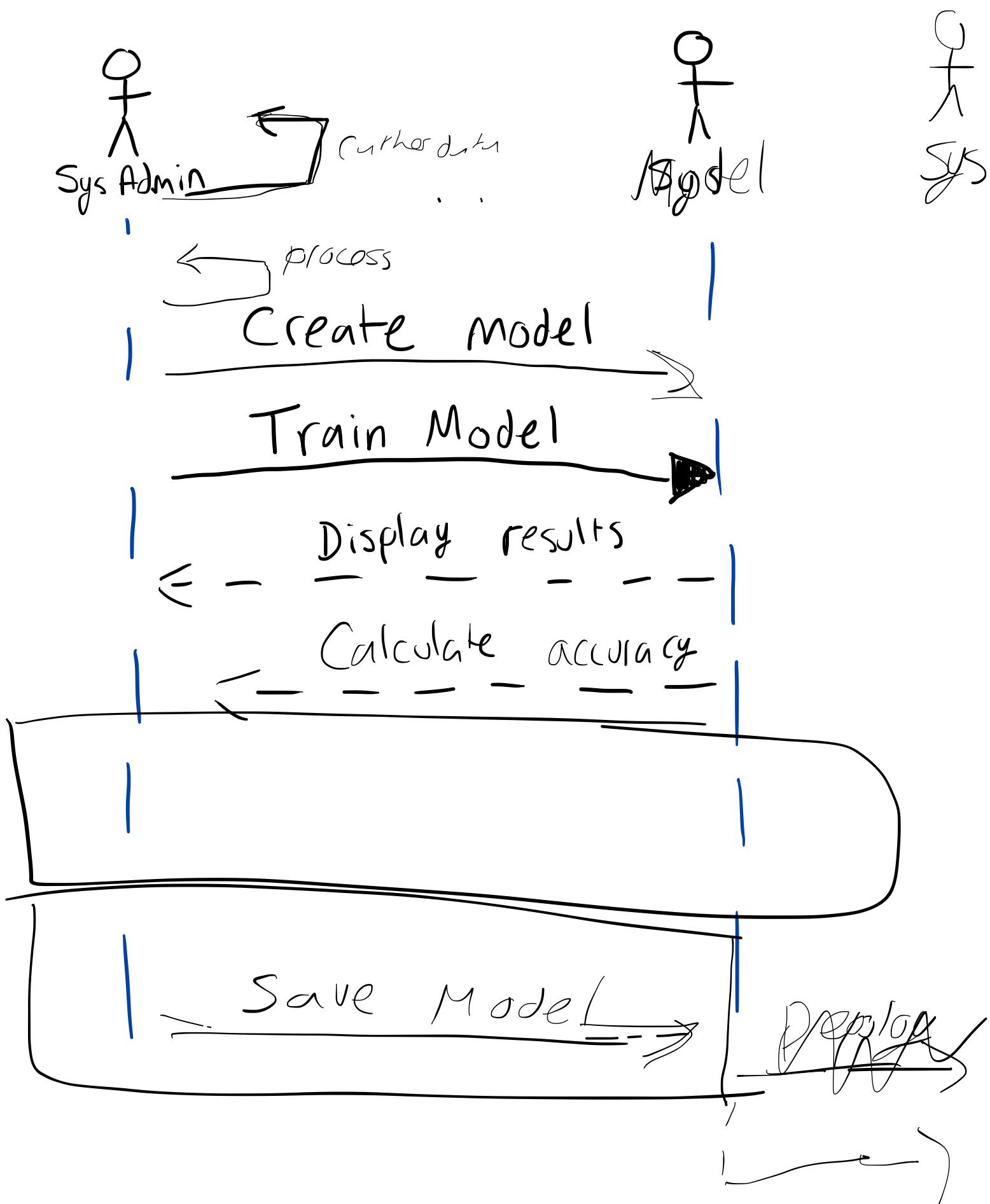
Activity Diagram 4: Back-end training model

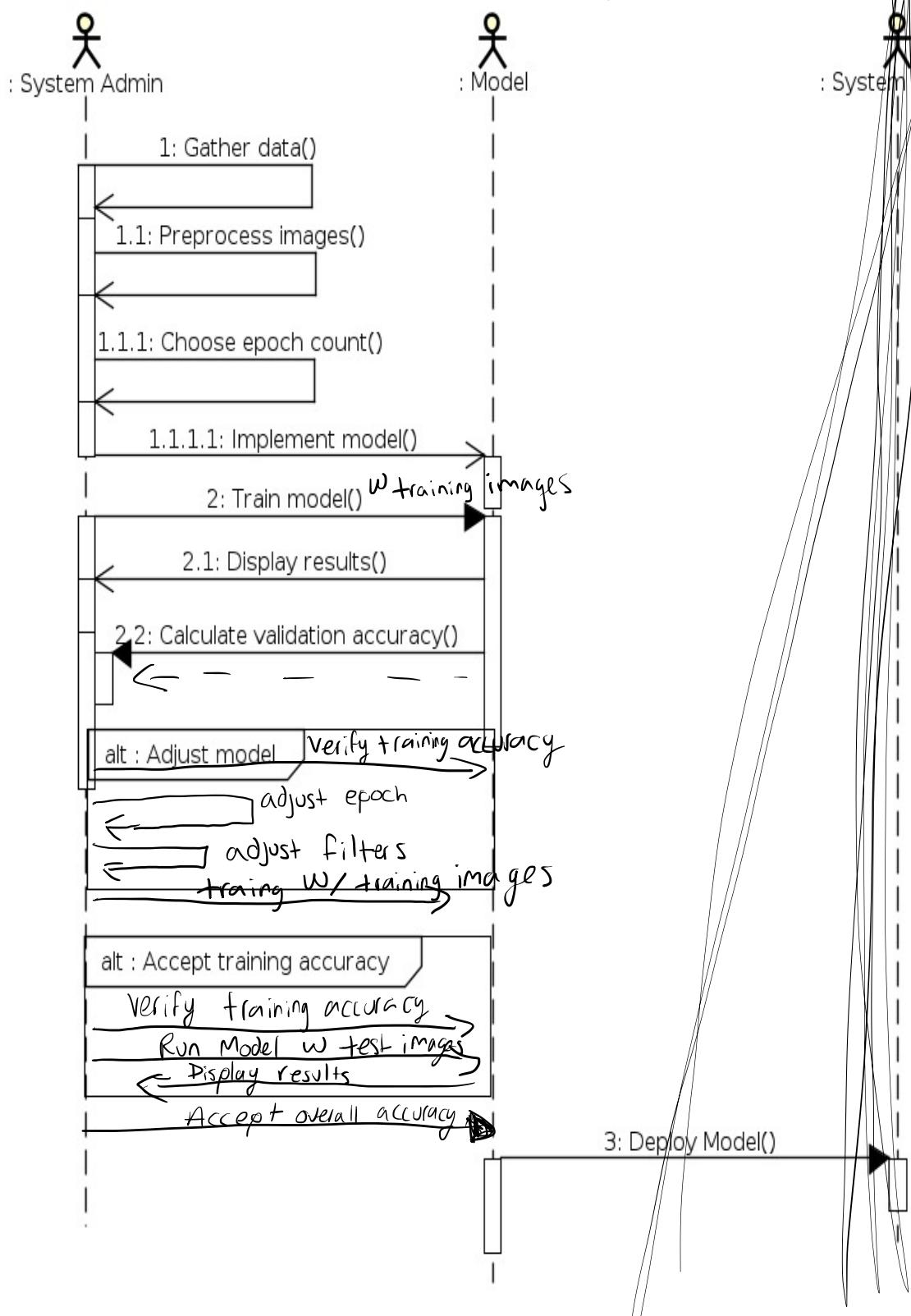


ADS: Adjust Model
 Hyperparam
 (Model)

- Preprocessing
- Split data
- Define Model
 - Epoch count

SD 1 Training → Deployment

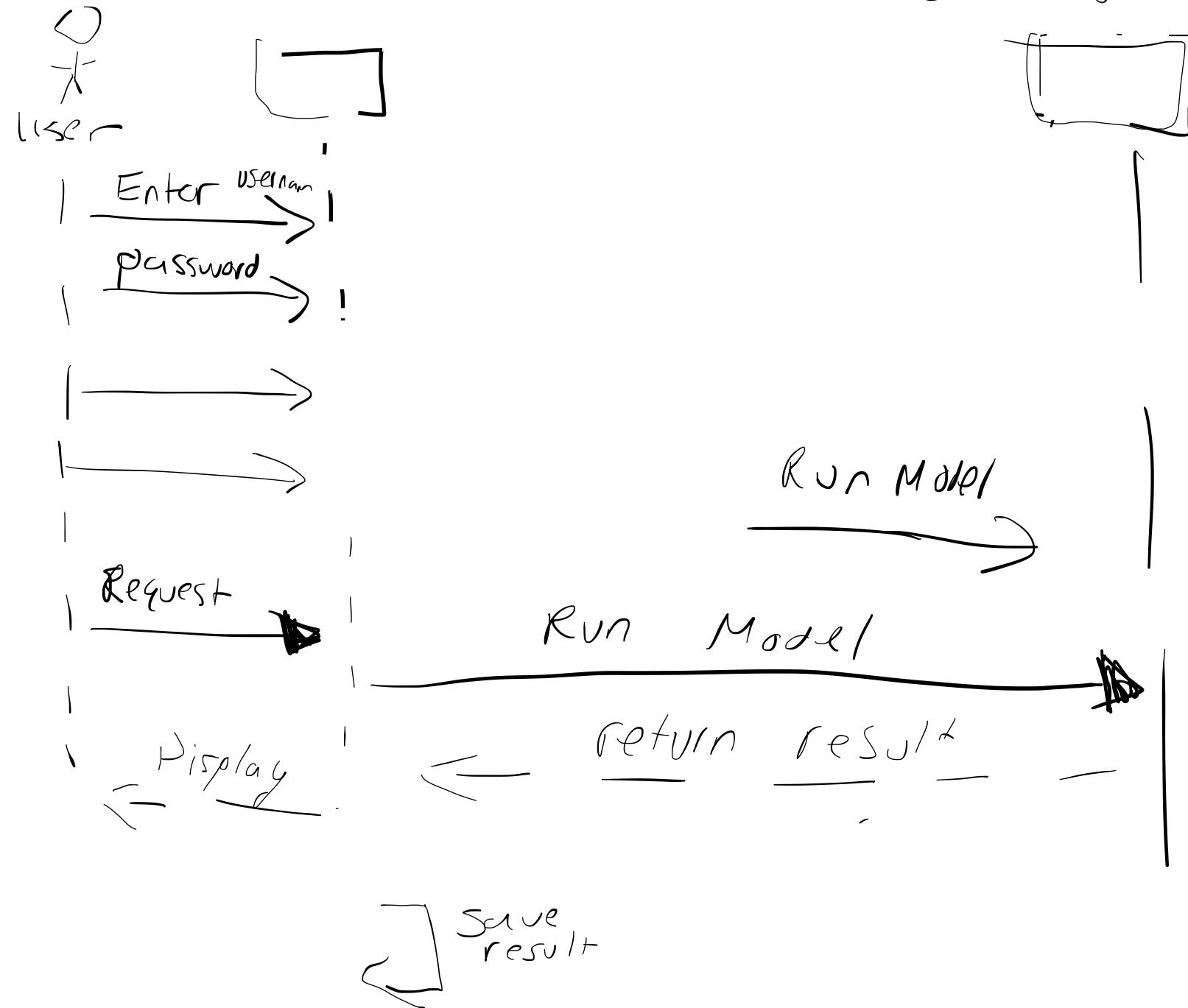




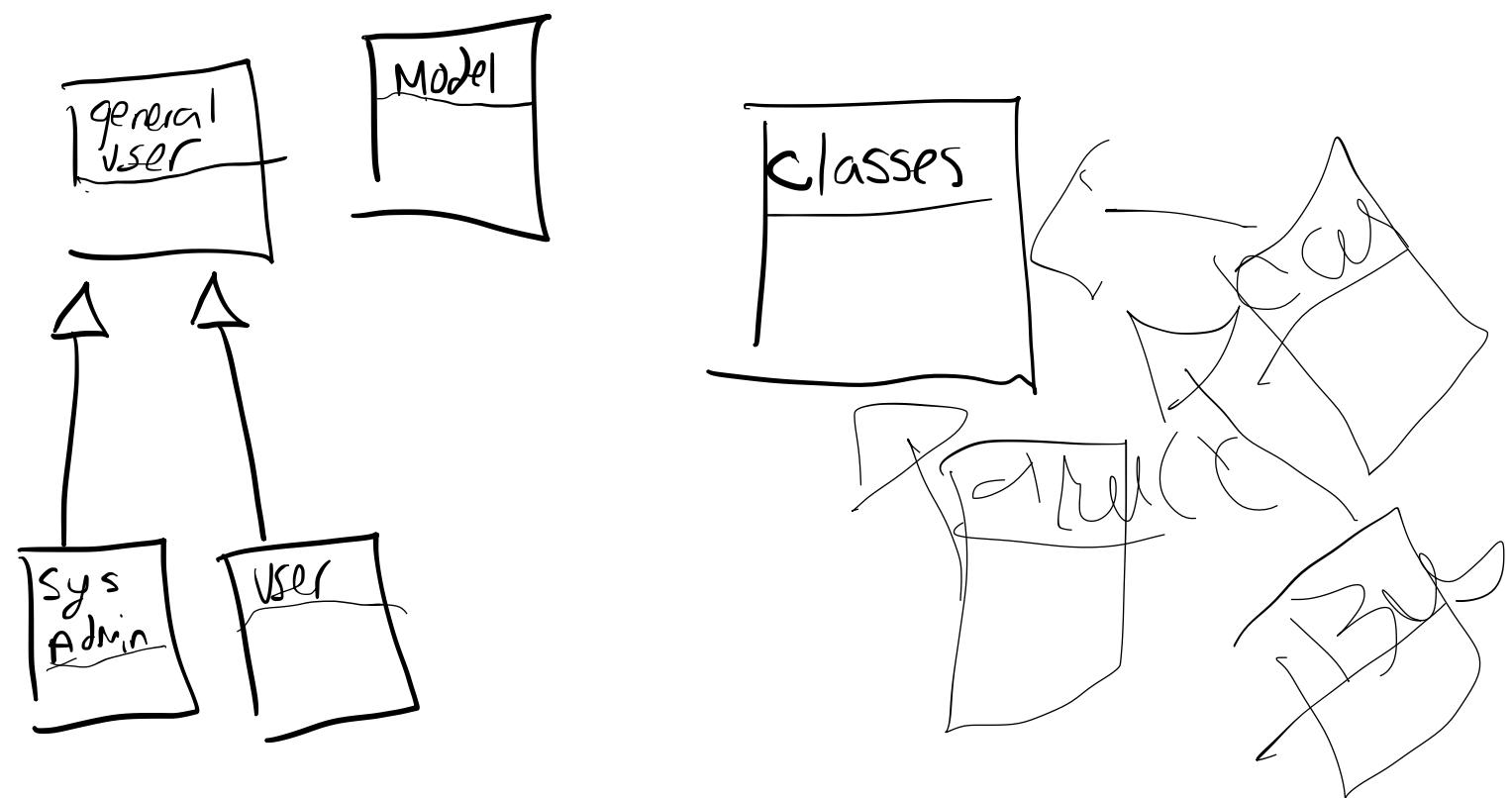
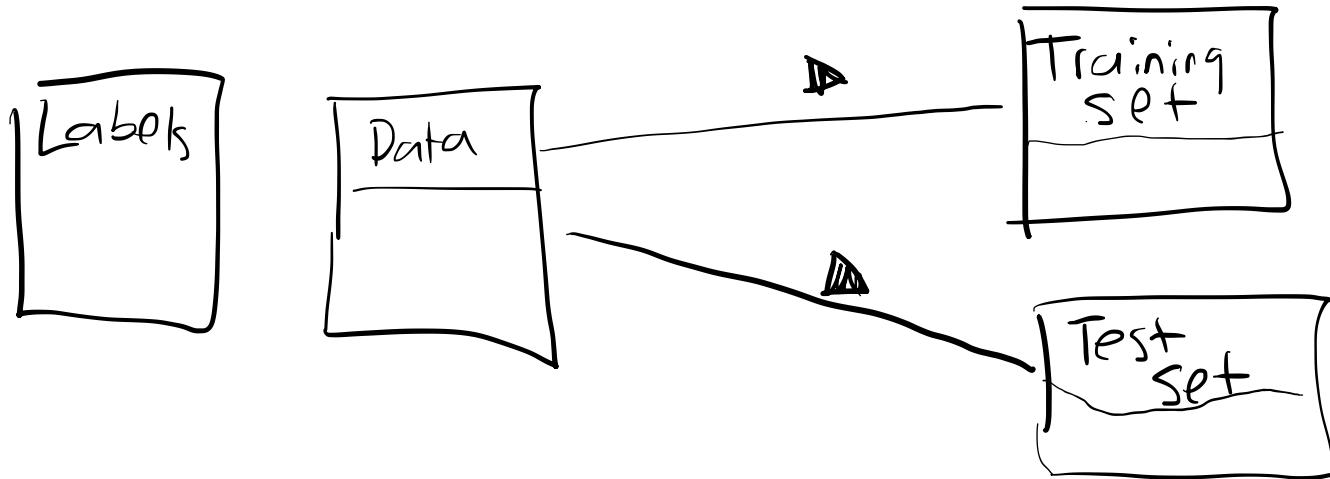
S D002 : Testing → Deployment

Frontend

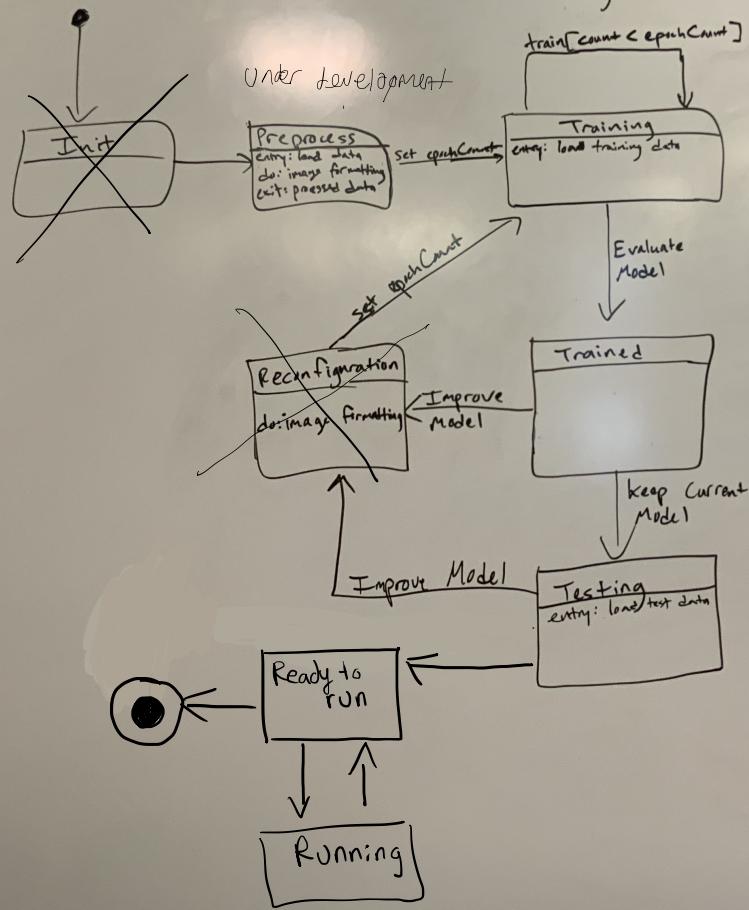
Backend



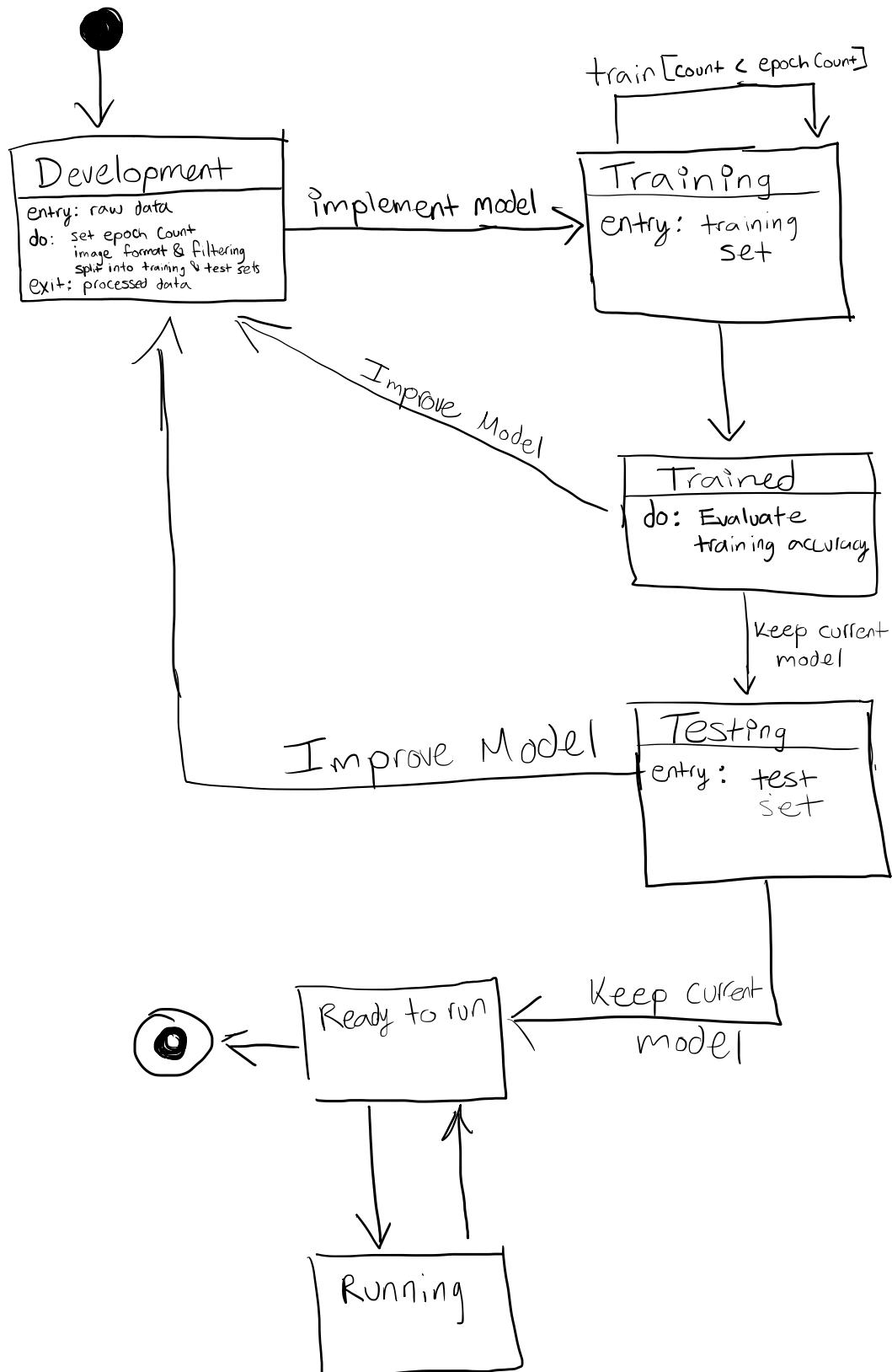
Class Diagram



Backend State Diagram



OLD VERSION



Kedimki

Users

Fault

Layers

Hypervisor

Data

IC Passes

Cable

Rosetta

ISATAP

