

12:46 PM Tue Feb 11 78%
Courses
Texas A&M University - BROWNSVILLE
2202-CSE-1310-004...
2202-CSE-1310-004
Texas A&M University - BROWNSVILLE
2202-CSE-2320-00...
2202-CSE-2320-001
Texas A&M University - BROWNSVILLE
2202-CSE-3320-00...
2202-CSE-3320-003
Groups
GroupMe
2202-COMM-3300-001-
Dashboard Calendar To Do Notifications

Assignment Details
2202-CSE-3310-064-FUNDAMENTALS OF SOFTWARE ENGR
Done
Submission & Rubric
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

ADS: Statistics

Use Case: Depict overall usage of our App ✓

AD1: User log ✓

AD2: User interface interaction ✓

AD3: Submission of photo to interact with ML model ✓

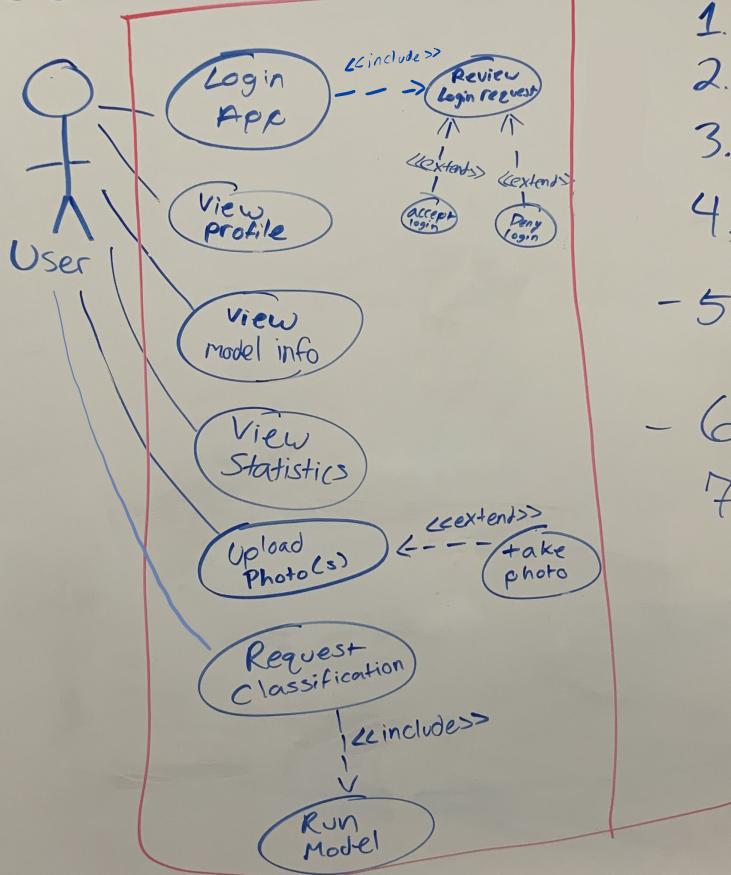
AD4: Back end interaction with Model ✓

SD1: Training Model \Rightarrow Deployment

SD2: Front end interaction

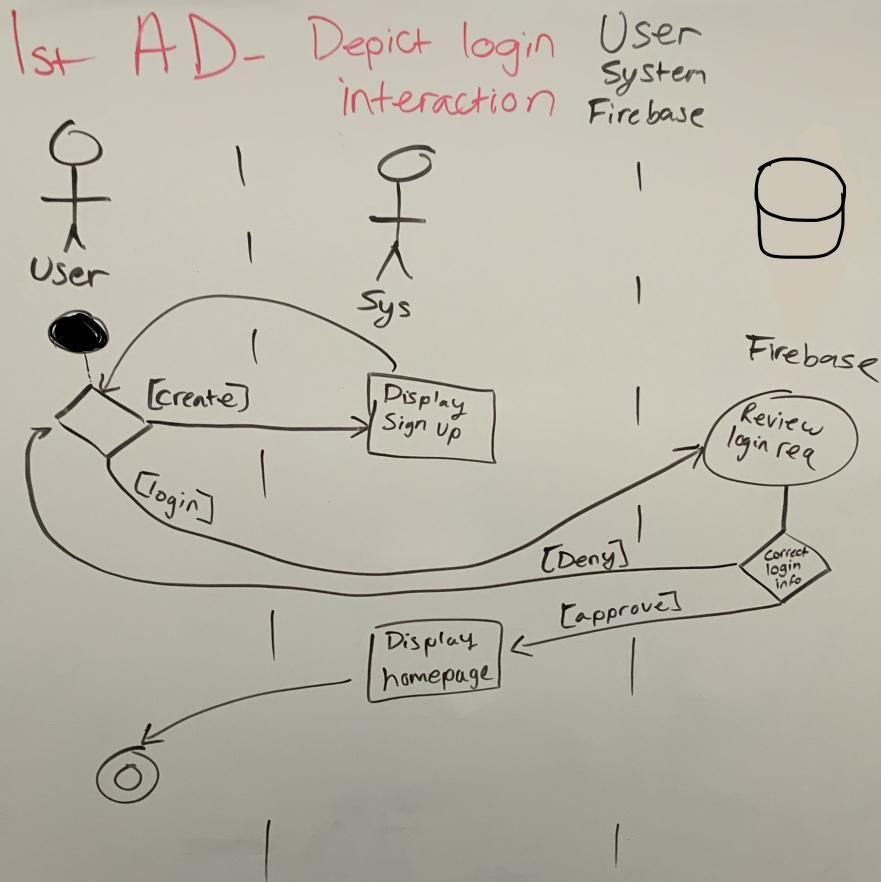
State machine?

Use Case Sys boundary

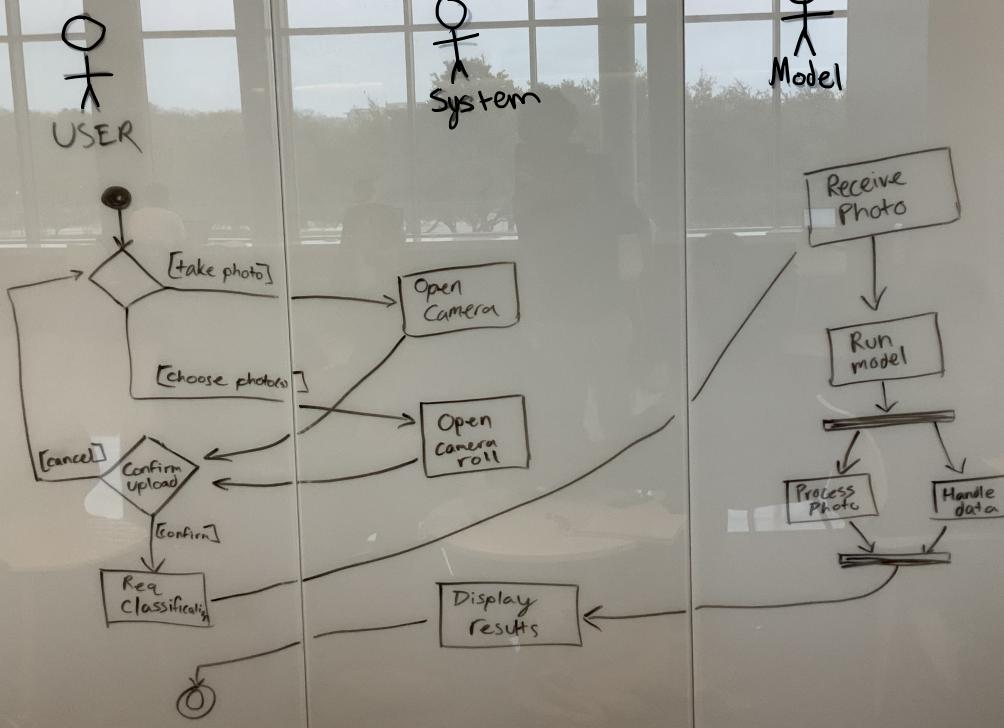


Req

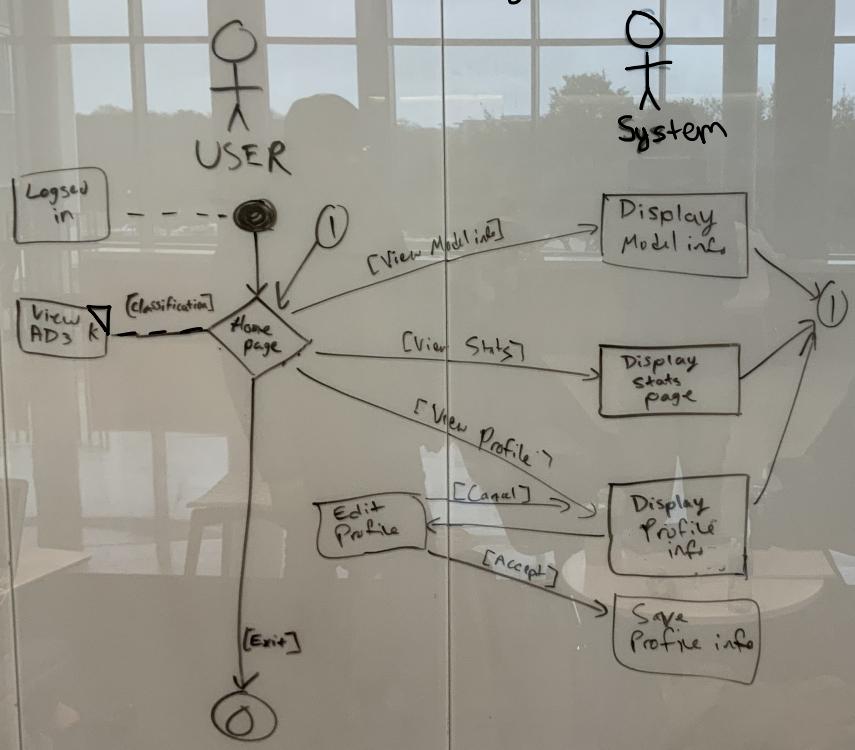
1. Login -
2. Homepage -
3. Profile page -
4. Classification model
- 5. Model information (about page)
- 6. Statistics
7. optional camera



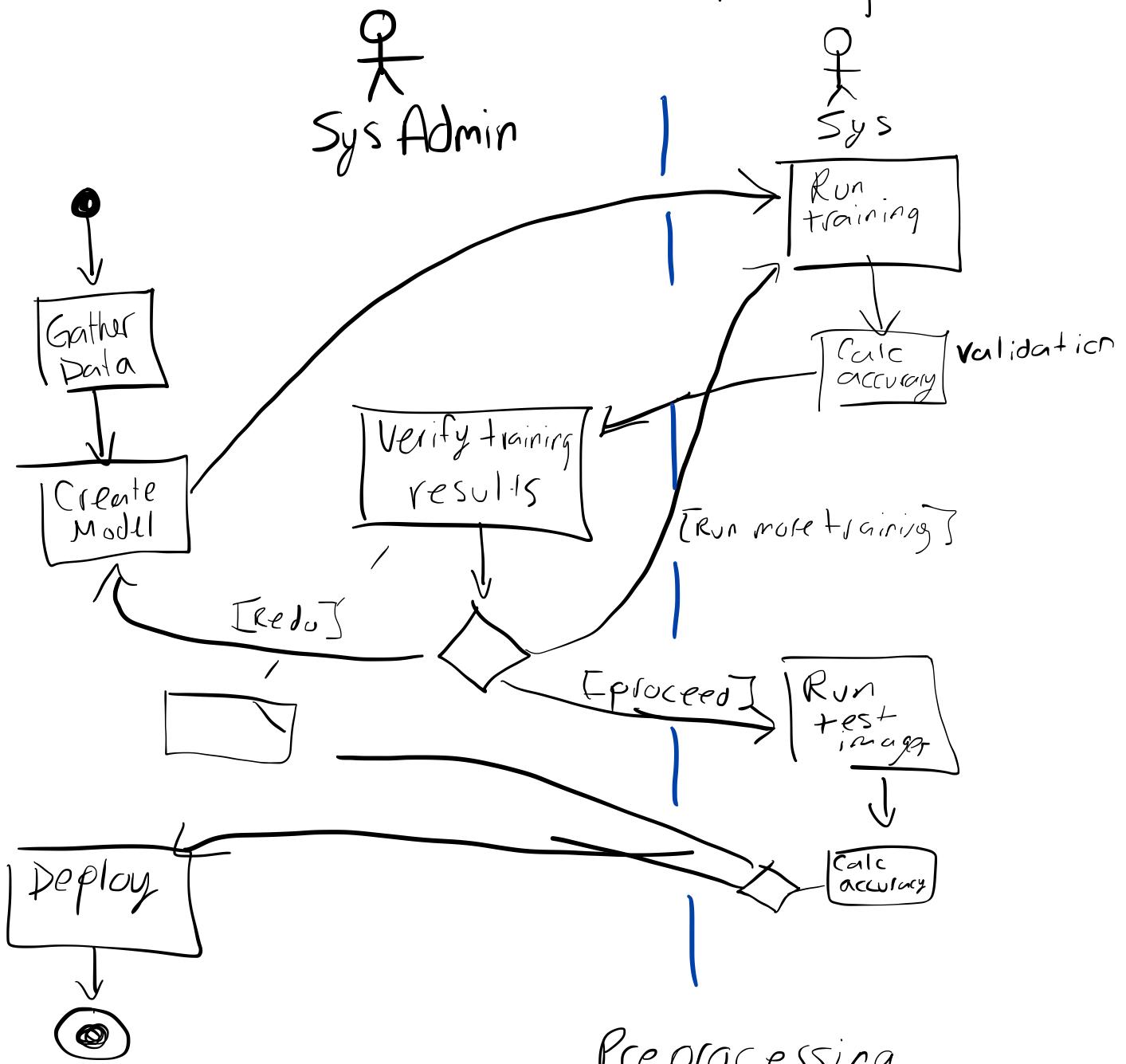
Activity Diagram 3: Interaction with Model



Activity Diagram 2: Home page interaction



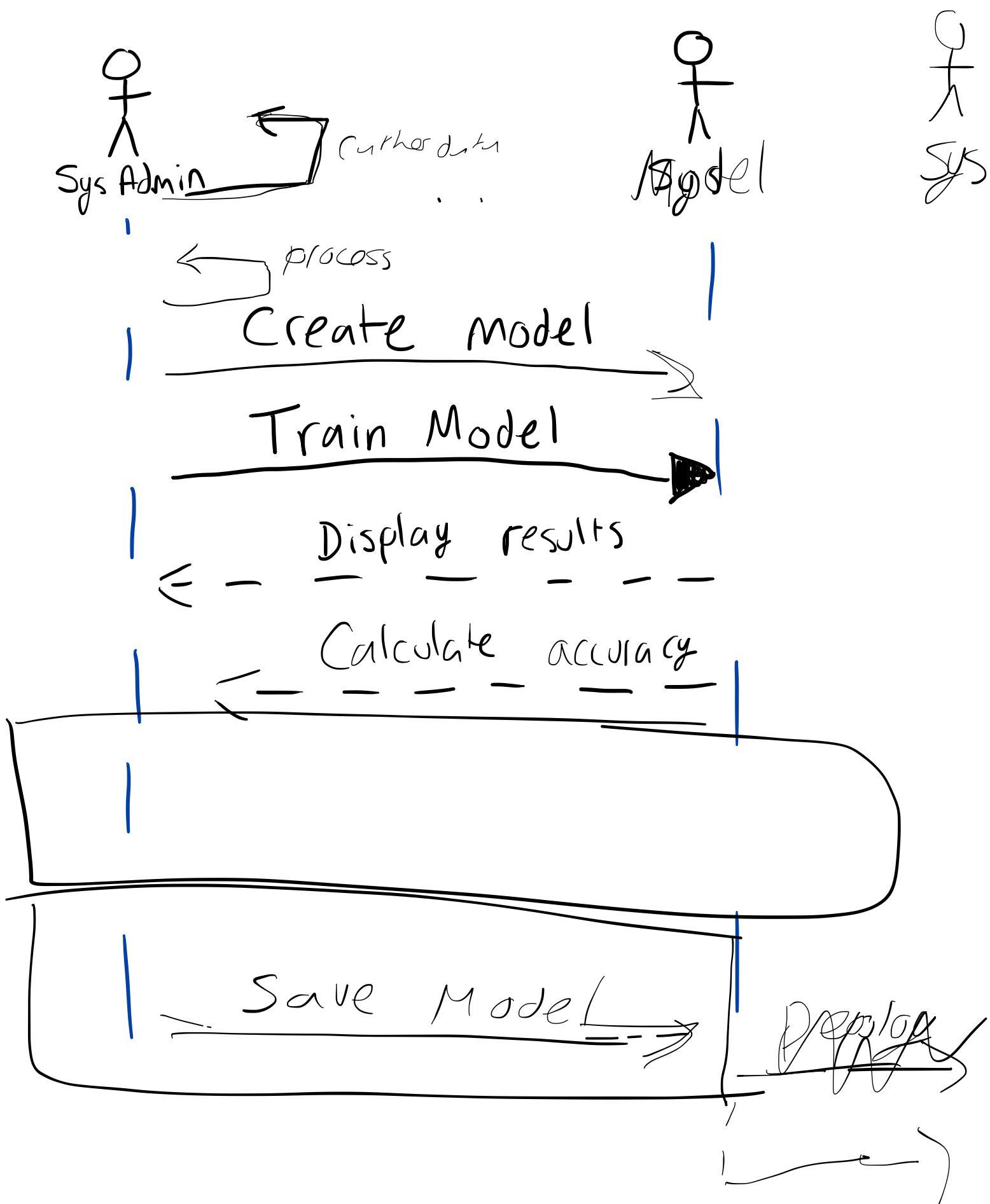
Activity Diagram 4: Back-end training model



ADS: Adjust Model
 Hyperparam
 (Model)

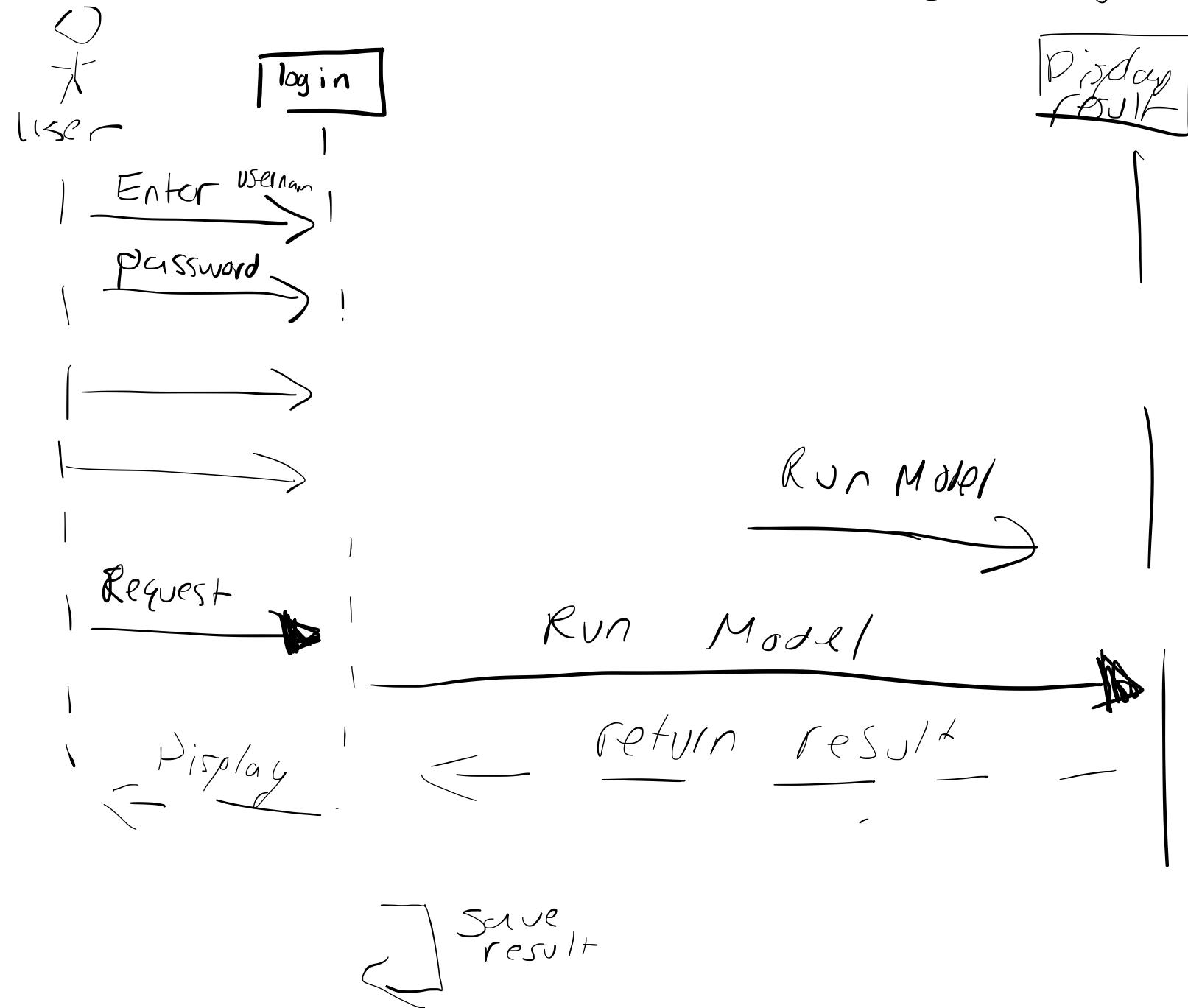
- Preprocessing
- Split data
- Define Model
 Epoch count

SD 1 Training → Deployment

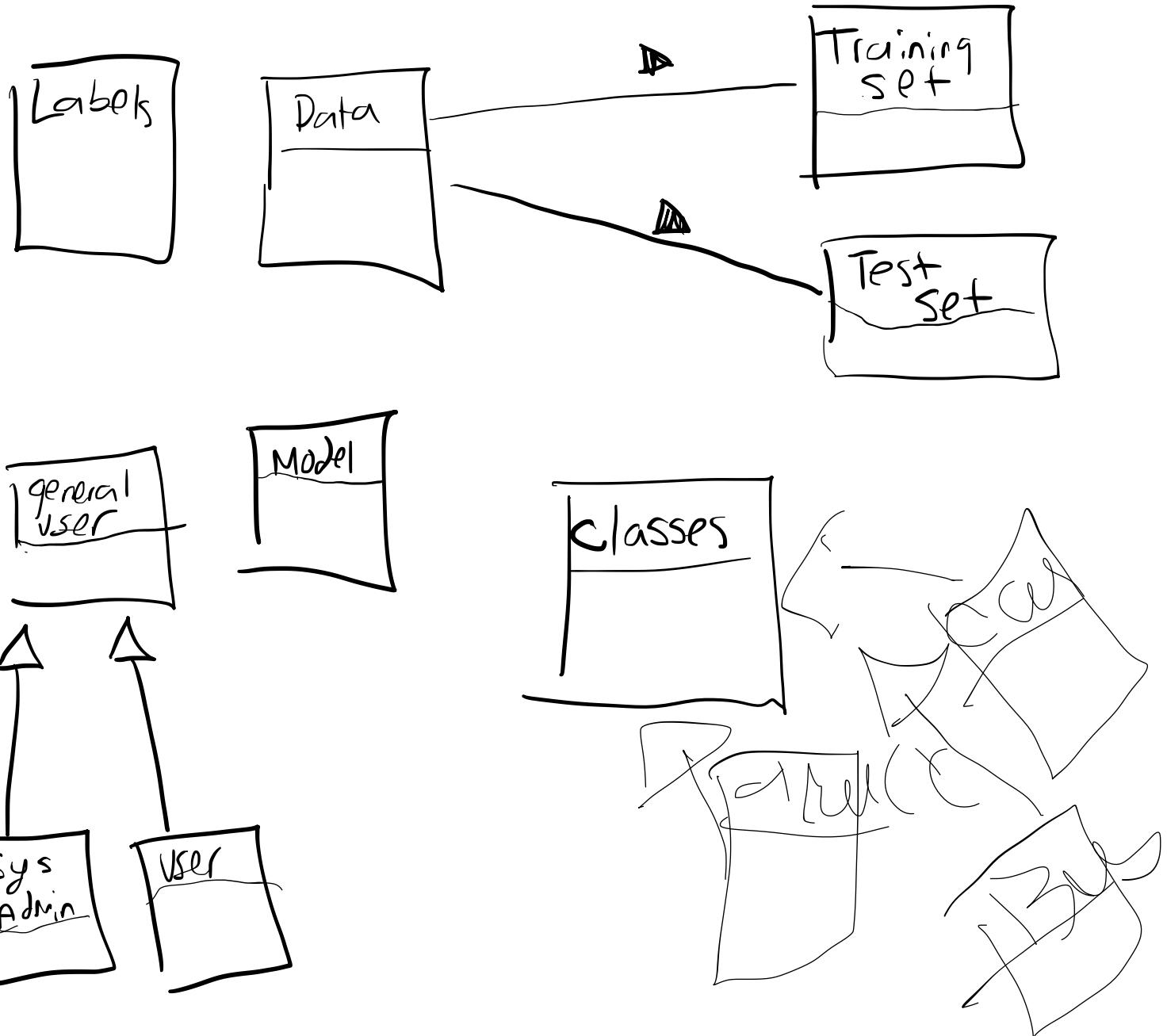


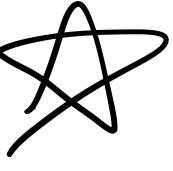
Frontend

Backend

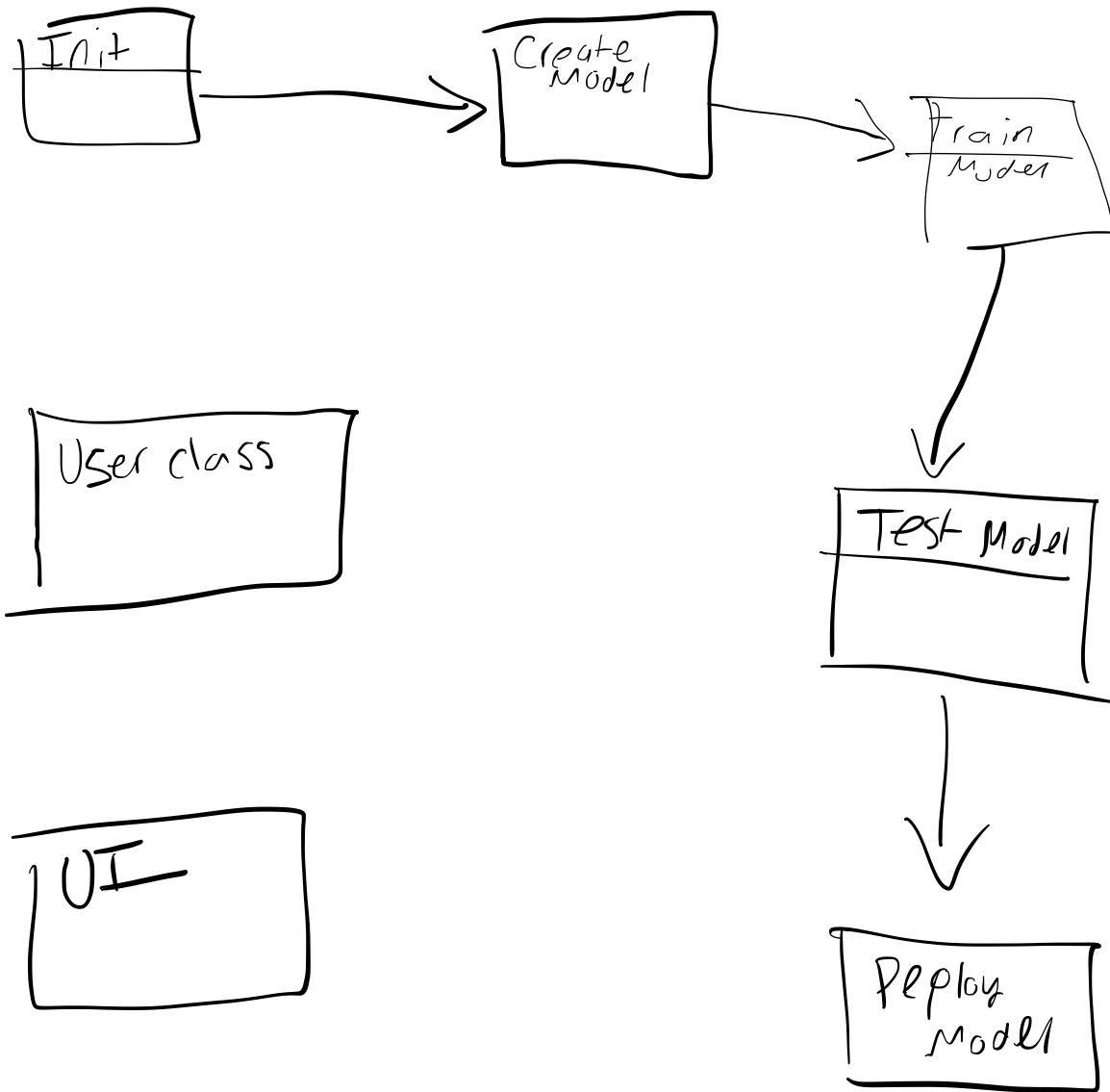


Class Diagram



User State 

State Machine



Truck