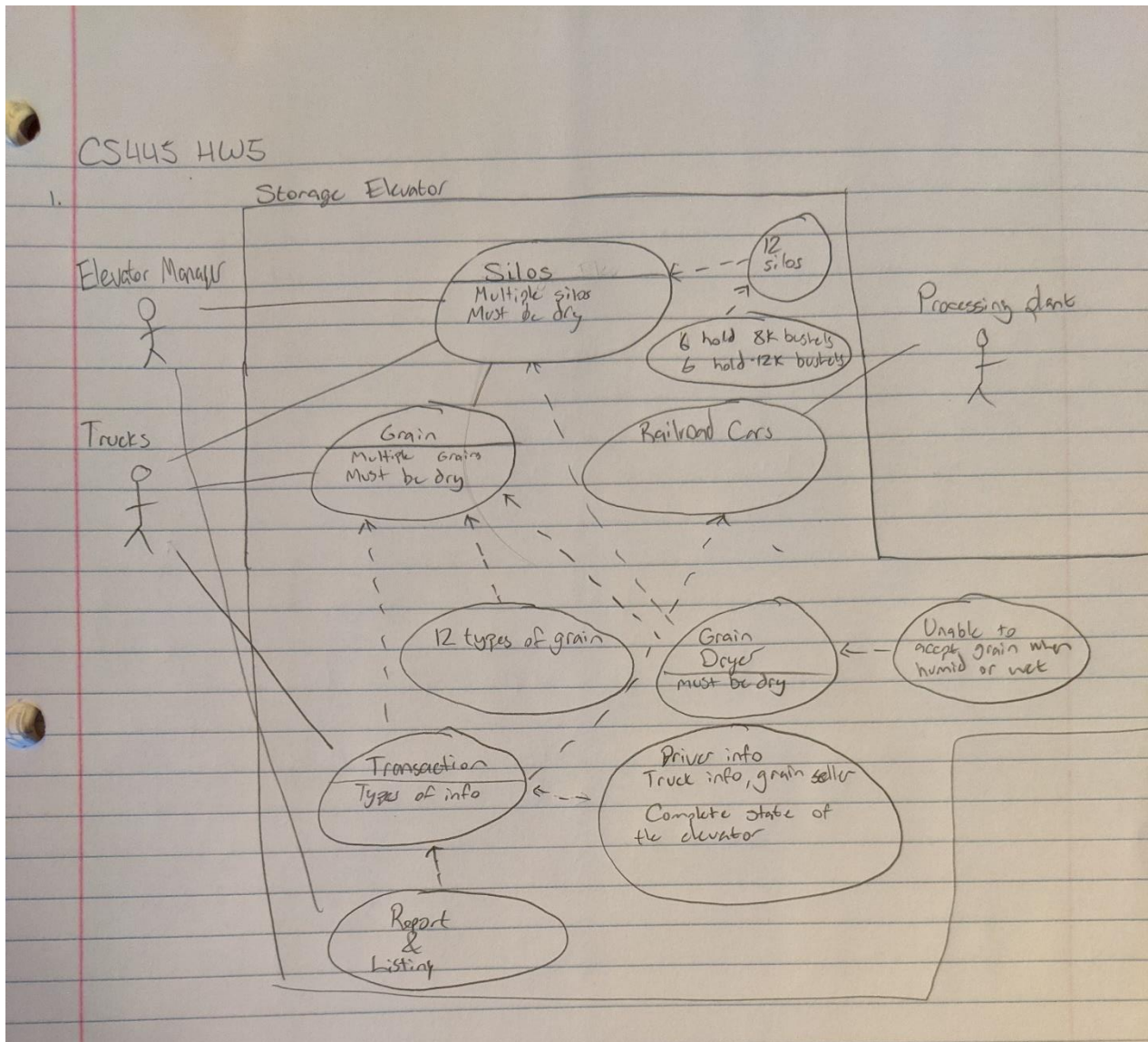


Question 1:



Question 2:

Use Case ID	UC-1
Use Case Name	Silos
Use Case Description	To store and categorize grain.
Actors	Elevator Manager, Trucks
Entry Conditions	Grain must be being stored or removed from the elevator system. It must also be dry. Grain arriving must be from growers selling the grain. Grain must be one of twelve types acceptable.
Exit Conditions	Transaction log will be updated, Railcars will be filled to move to processing.
Flow of Events	<ol style="list-style-type: none"> 1. Trucks bring grain 2. Grain is automatically sorted, but may be overridden by the Elevator Manager 3. Grain is stored. 4. Transaction log is updated 5. When grain is removed, transaction log is updated 6. Railroad cars bring grain to processing plants.
Exceptions	Elevator Manager may override where the grain is going.
Includes	Humidity Sensors, 12 Silos, Railroad Cars, Grain Dryer, Transaction Log, Grain

Use Case ID	UC-2
Use Case Name	Grain
Use Case Description	Grain. Twelve Types: wheat, barley, long grain rice, short grain rice, oats, and hops, each consisting of high and low quality.
Actors	Trucks, Elevator Manager, Processing Plant
Entry Conditions	Must be of type listed above, must be dry.
Exit Conditions	Must update Transaction Log, must be dry.
Flow of Events	<ol style="list-style-type: none"> 1. Trucks bring grain. 2. Checked for humidity. 3. Stored in silos. 4. Taken by Railcar to processing plant. 5. Transaction log updated.
Exceptions	Can't be wet. Must be of type listed above.
Includes	Grain Types, Grain Dryer, Humidity Sensors, Transaction

Use Case ID	UC-3
Use Case Name	Transaction
Use Case Description	To keep track of system inventory and happenings.
Actors	Elevator Manager, Software
Entry Conditions	Will be updated when grain is being delivered or removed. Will produce a report when Elevator Manager requests.
Exit Conditions	Transaction log will be updated or Elevator Manager will be given a report.
Flow of Events	<ol style="list-style-type: none">1. Grain arrived, grain left2. Records information about the shipment including: grain type, amount, and grade. Type of shipment, truck identification.3. If the Elevator Manager requests a report, it will produce a chronological listing of the transaction log
Exceptions	None
Includes	Silos, Grain, Elevator Manager, Trucks