




INDIVIDUAL LAB 2

OLIVE DAVIS

CSCE 2110.002 FOUNDATIONS OF DATA STRUCTURES

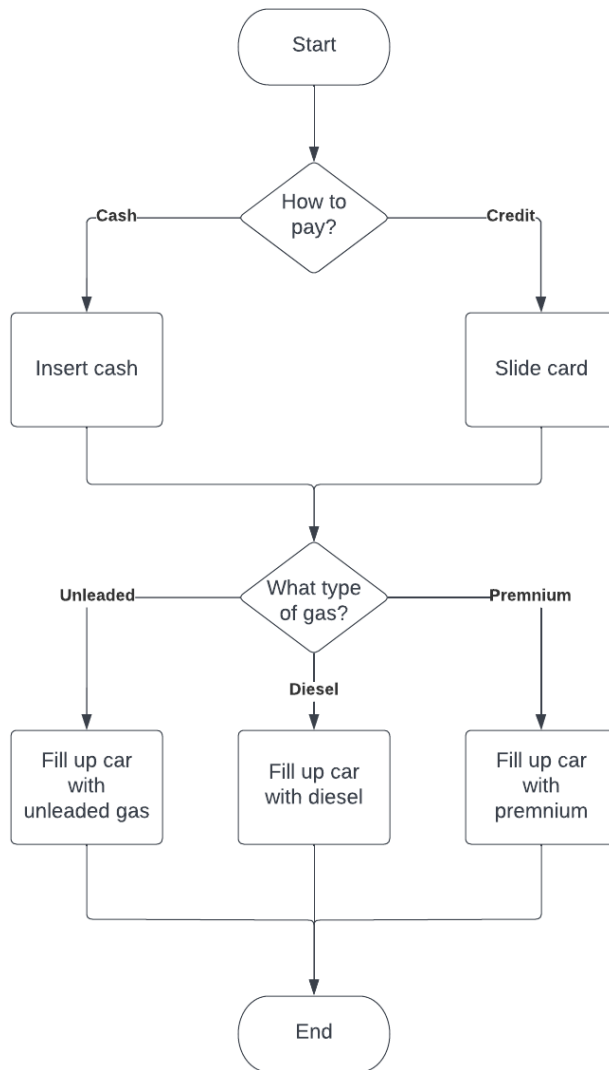


PSEUDOCODE:

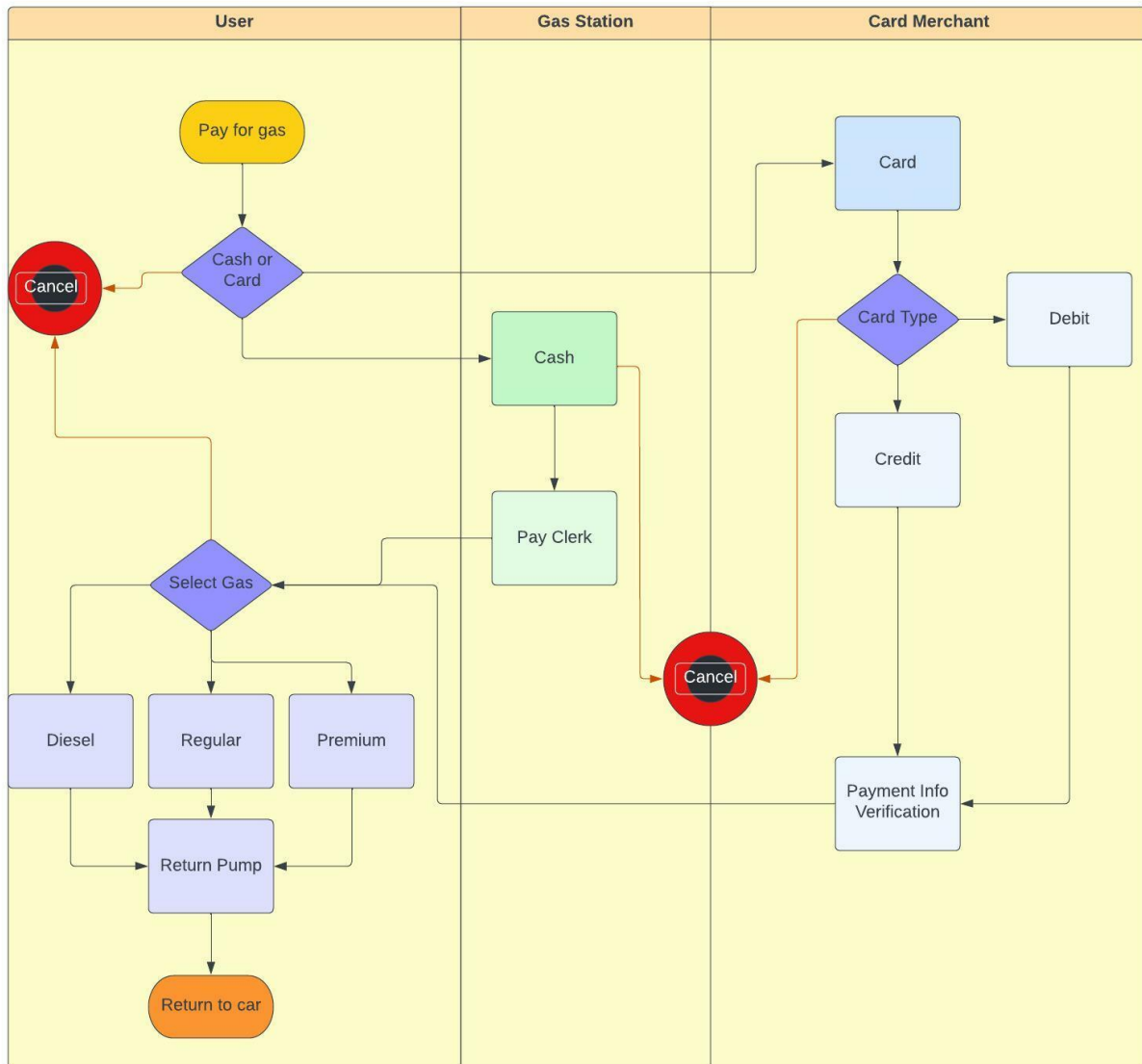
Prompt user for payment method:

1. If card:
 - Select card type (debit/credit/**cancel**)
 - Input payment info
 - Prompt user for gas type (regular/premium/diesel/**cancel**)
 - Pump gas OR **cancel**
 - Return pump
 - **Return to car**
2. If cash:
 - Go into store
 - Pay clerk or **leave**
 - Go back outside to pump
 - Prompt user for gas type (regular/premium/diesel/**cancel**)
 - Pump gas OR **cancel**
 - Return pump
 - **Return to car**
3. Else **return to car**

FLOWCHART:



UML SWIMLANE CHART:



Citations:

Flowchart from group: William Hua, Marc Nikirk, Elijah Haynes. We already worked on this in recitation together when the lab was available and had no due date.