Exercise 1
Flow Diagram of
using a ticket machine
at a train station

User

Destination (A)

Required Tickets (A)

Type of Cabin (A)

Cash (A)

Invalid Payment (A)

Ticket Machine

Price (B)

Slugs (B)

Tickets (B)
Contain:
-Train Identifier
-Cabin Type
-Seat Number

User

Currency Holding Limits (E)
-Nickels: maxN
-Dimes: maxD
-Quarters: maxQ
-Dollar Bills: maxB

Trains Leaving Station (E)
For each train information contained:
-Destination
-Available space for each cabin