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Dr. Wu

CSE 455: Software Engineering

Lab: Wednesday, 7:30 – 8:50 pm

Homework Assignment #2

Exercises 4.2, 4.4, and 5.5

4.2

Some of the ambiguities/omissions in the statement would be:

The cancelation of the ticket purchase. If the customer makes an error and wants to re-do the order, can they go back or cancel the order completely?

Choosing various destinations; does the customer have to choose one destination at a time per transaction or can they buy multiple tickets within the same transaction?

Should the user input their card before the “start” button is pressed or after they have pressed the “start” button?

If the user puts in an invalid card (Debit Card, Student ID, Etc.) other than a credit card, how is the machine going to address the issue?

4.4

Non-functional Requirements for the ticket issuing system:

1. Time between 3:00 am and 4:00 am in a day, the system down time should not exceed 5 minutes.
2. Time within a 24-hour day, the system recovery time after a system failure should not exceed 5 minutes.

5.5

