User

Request Payment

System

store
data

Database

send
data

Send log

Manager

2-Assumptions and information, if any, that you needed to develop the solution.

All of the transaction log and entry information are store in a database.

3- Justification of the solution - Argumentation on why/how the solution addresses the problem.

The system computes the payment with the data from the database and requests payment to the user and sends logs to the manager.

4- Alternative solution, if any--this may depend on the assumption

The assumption made here is RFID, the Central system, and gate controller are in a single system.