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Report

The Use case diagram contains 4 distinct types of users that have different access to the program and different performances.

First performance is the client that needs to use the ticket machine to create tickets and then to use the gate to validate its ticket

Then station manager needs to build the system by create, update and delete stations and ticket machines.

The station validation check if the destination station in the ticket is the same as the arrival station.

The Robustness diagram has 2 users and we can see how the program works.

The station manager uses the stationList.jsp and ticketMachine.jsp files to apply CRUD operations to the stations and ticket machines.

The station manager uses the gate.jsp to decode the ticket given by the customer, check if its valid and can also change a ticket machine configuration with the changeConfig.jsp file. The user also uses the ticketMachine.jsp to create its ticket and the gate.jsp file to validate its ticket at the end.

