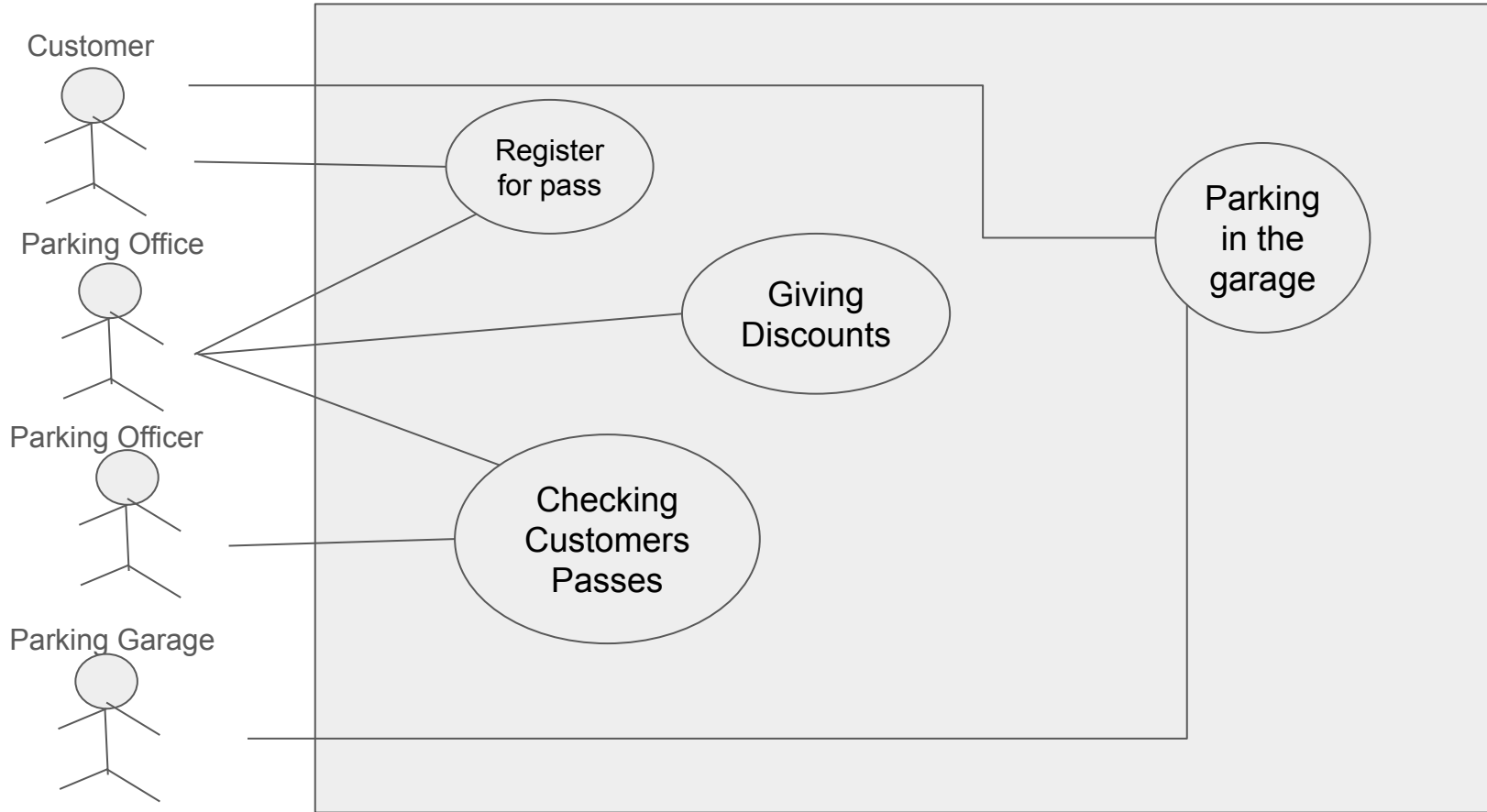


Use Case Diagram for Parking Garage



Key Actors:

Customer/Driver

Payment Gateway

Parking Officer

Parking Gate

Use Case 1:
Registering for a
Pass

Customer

Goes online
to campus
website

Goes to
Parking
Office
Section

Registers
for a
parking
pass for
the school
year

Buys a
specific
pass for
when
parking is
required

System checks
for duplicates
or plate
conflicts with
car

Customer
receives pass if
everything
works.

Use Case 2: Nominal

Customer

Uses
Registered
Pass

Validates
Pass and
waits on
parking
gate to
open

Parks in
the
Parking
Garage

Parking
Officer
Checks
Cars

Checks if Pass
is valid for
duration

Customer comes
back, and drives
out of the lot
going through the
gate, and drives
home

Use Case 3, Customer
has incorrect pass

Customer

Buys Parking
Pass with
incorrect time

Validates
Pass and
waits on
parking
gate to
open

Parks in
the
Parking
Garage

Parking
Officer
Checks
Cars

Checks if Pass is
valid for duration,
charges customer
a ticket for
improper pass

Customer comes
back, drives
home, and pays
ticket online.

Use Case 4: Pay for
Parking Short Term

Customer

Buys Parking
Pass with
allotted time

Validates
Pass and
waits on
parking
gate to
open

Parks in
the
Parking
Garage

Parking
Officer
Checks
Cars

Checks if Pass is
valid for duration,
charges customer
a ticket if time is
up.

Customer comes
back, pays ticket if
they were there
longer than
required, and drives
home