This page is the
UML diagram

license plate

«PK» Plate id: integer
Registration status: {Registered,
Not registered}
«FK» Account id: integer

A unique license plate attached
on the front and back of any
registered vehicles.

0..*

Attached to ▶

0..*

1

Car account

«PK» Account id: integer
Toll payment method: text = Credit
card
Account balance: integer
«FK» Vehicle registered: integer
«FK» Account user id: integer

The car account of the registered
vehicle owner.

0..1

◀ **Registered to**

0..*

Vehicle

«PK» Vehicle id: integer
Vehicle type: {Commercial truck,
RV, cars, SUV, tailer, mortocycle}
«FK» Toll id: integer

A transportation tool for people or
goods on land.

1

Recorded by ▼

1

Toll station camera

«PK» Record id: integer
Time: timestamp
Front license image: blob
Back license image: blob
«FK» Plate id: integer

The toll station camera takes
pictures of the front & back
license plate of passed by cars.

1

Linked to ▲

1

Replenishment

«PK» User id: integer
Replenish method: Text = Credit
Card
Replenish threshold: integer

The mechanism to specify the
method to replenish the account.

1

Charged to ▲

0..*

Toll

«PK» Toll id: integer
Toll amount: integer

The bill that charges on vehicles
that pass the toll station.

0..*

◀ **Apply to**

1