Driver (Auto Pass) Sequential Diagram
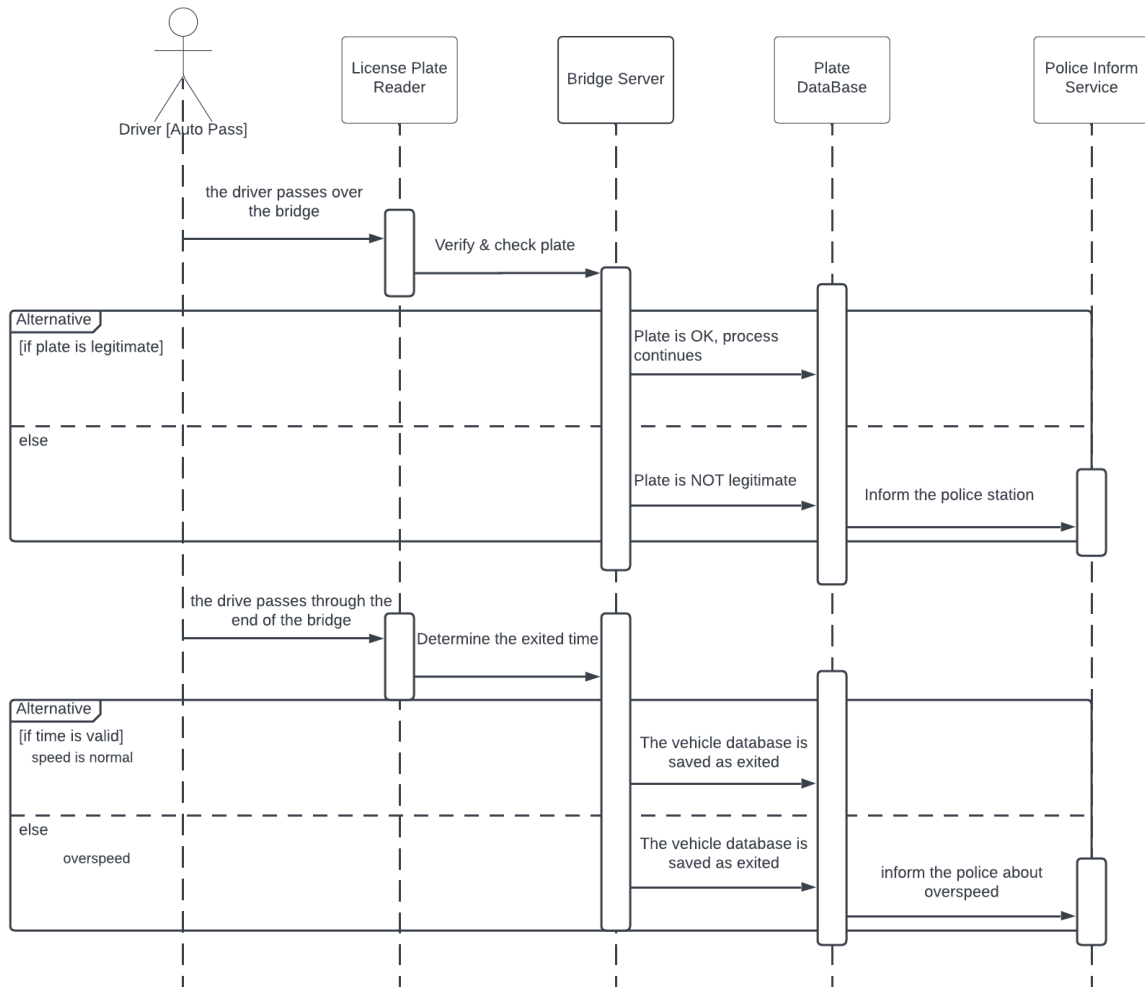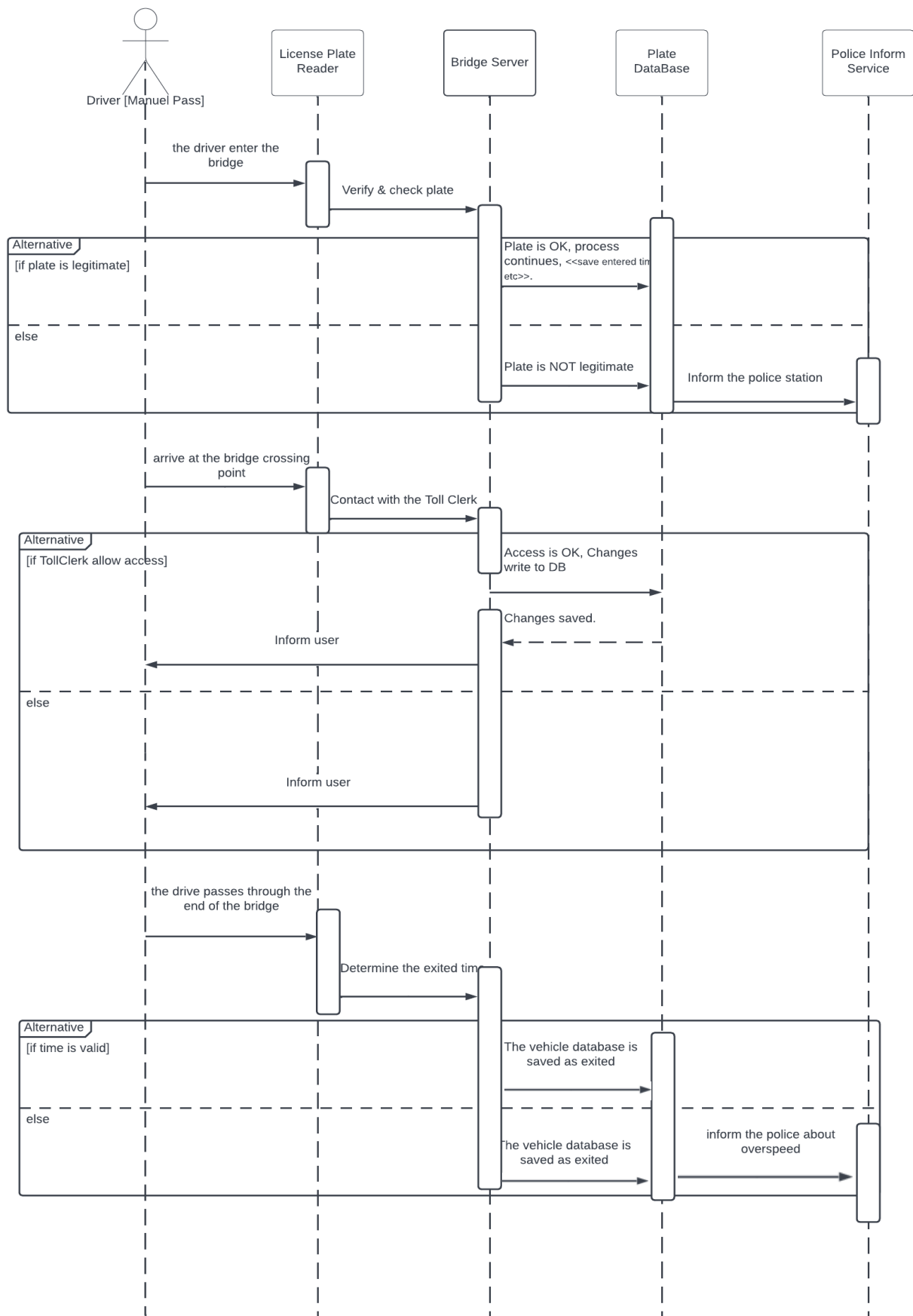
Driver (Manuel Pass) Sequential Diagram

Driver [Manuel Pass]	License Plate Reader	Bridge Server	Plate DataBase	Police Inform Service

the driver enter the bridge

Verify & check plate

Alternative

[if plate is legitimate]

Plate is OK, process continues, <<save entered tim etc>>.

else

Plate is NOT legitimate

Inform the police station

arrive at the bridge crossing point

Contact with the Toll Clerk

Alternative

[if TollClerk allow access]

Access is OK, Changes write to DB

Changes saved.

Inform user

else

Inform user

the drive passes through the end of the bridge

Determine the exited time

Alternative

[if time is valid]

The vehicle database is saved as exited

else

The vehicle database is saved as exited

inform the police about overspeed

User Sequential Diagram

User

Accessing Device with GUI

Bridge Server

Plate DataBase

To login system input username & password

Verify & check inputs

Alternative

[if inputs is correct]

Inputs are OK

Request command

else

Inputs are not OK

Inform user

Request entered

Verify request & start process

Is request valid?

Alternative

[if request is valid]

<<according to database and request specifies>>

Process is OK

Apply changes to DB

Request applied succesfully

Process is succesfull

Inform user

else

Invalid opeartion

Request applied unsuccesfully

Inform user