Toll Management System

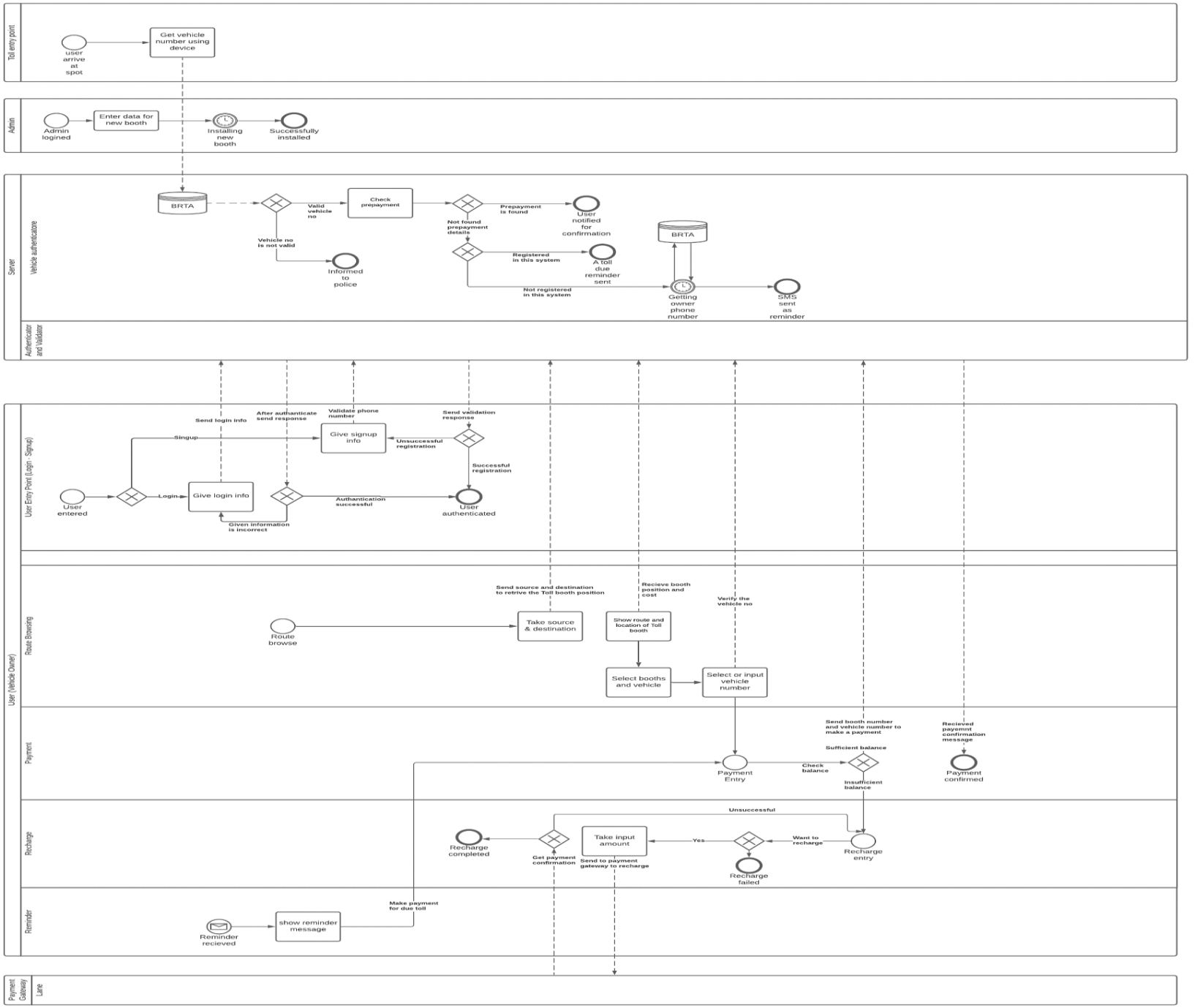
Business Process Model and Notation (BPMN)

Presented by

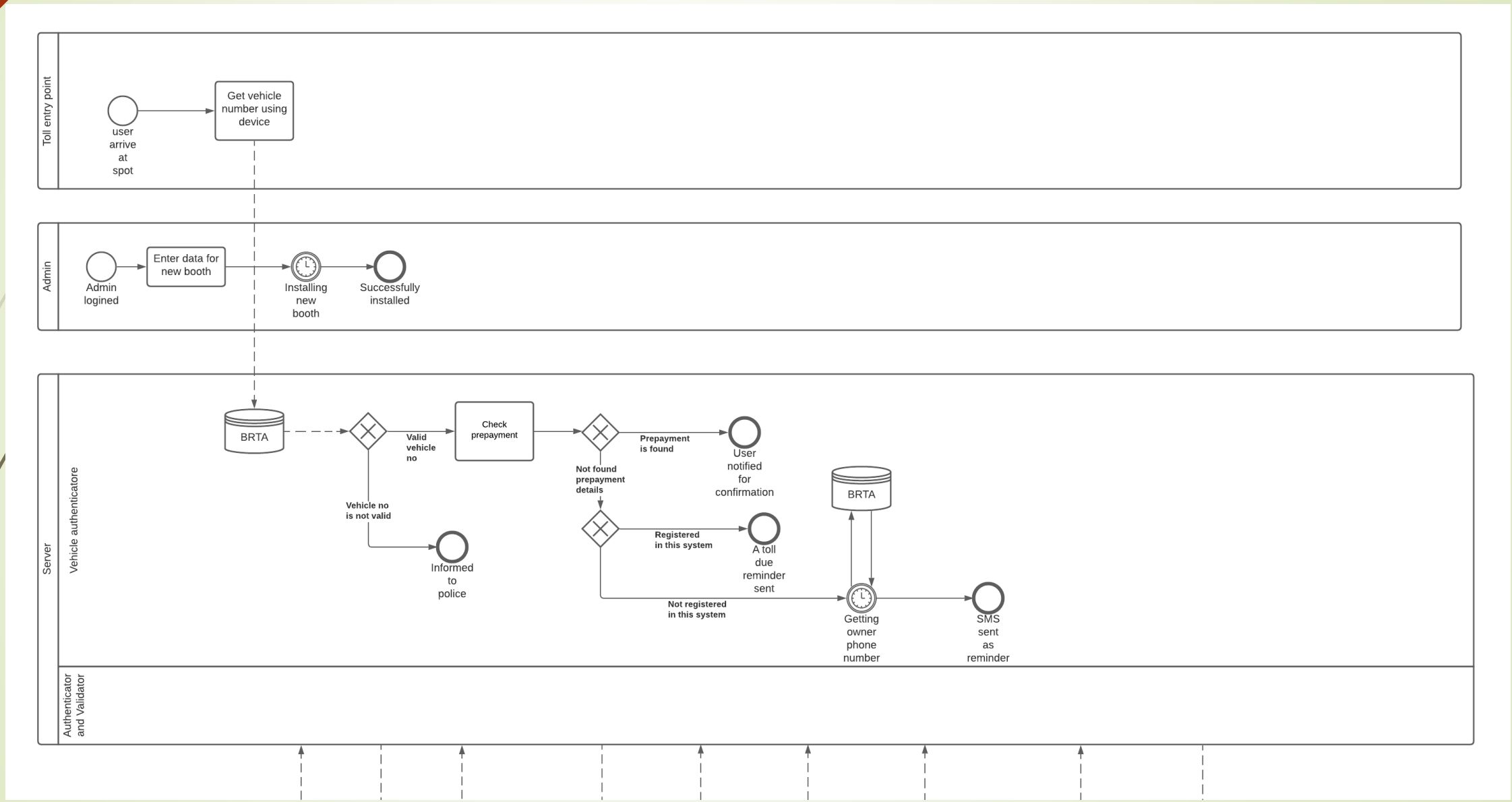
Asif Ahmed Utsa

ID: 1705084

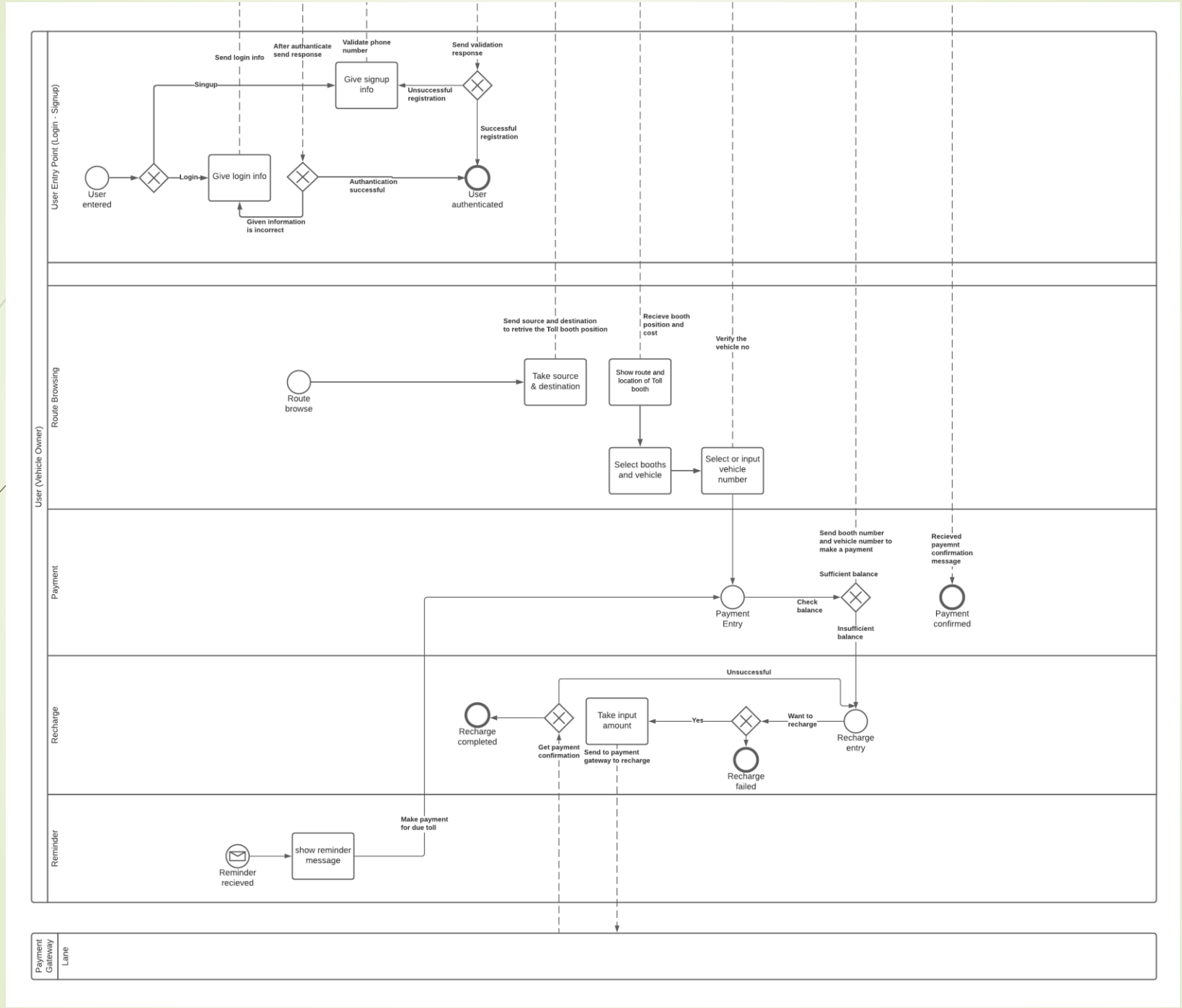
Full Diagram



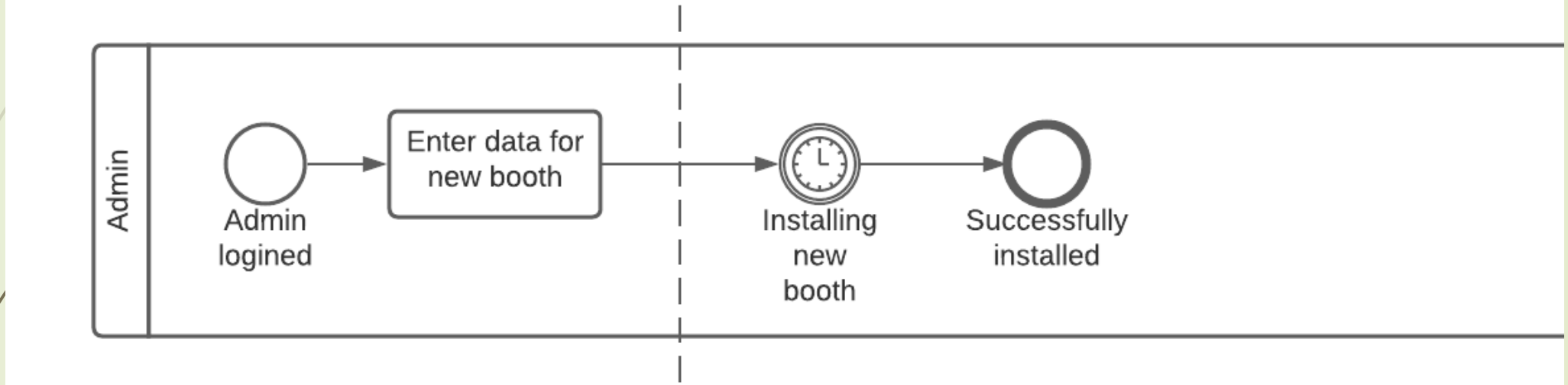
Control Point



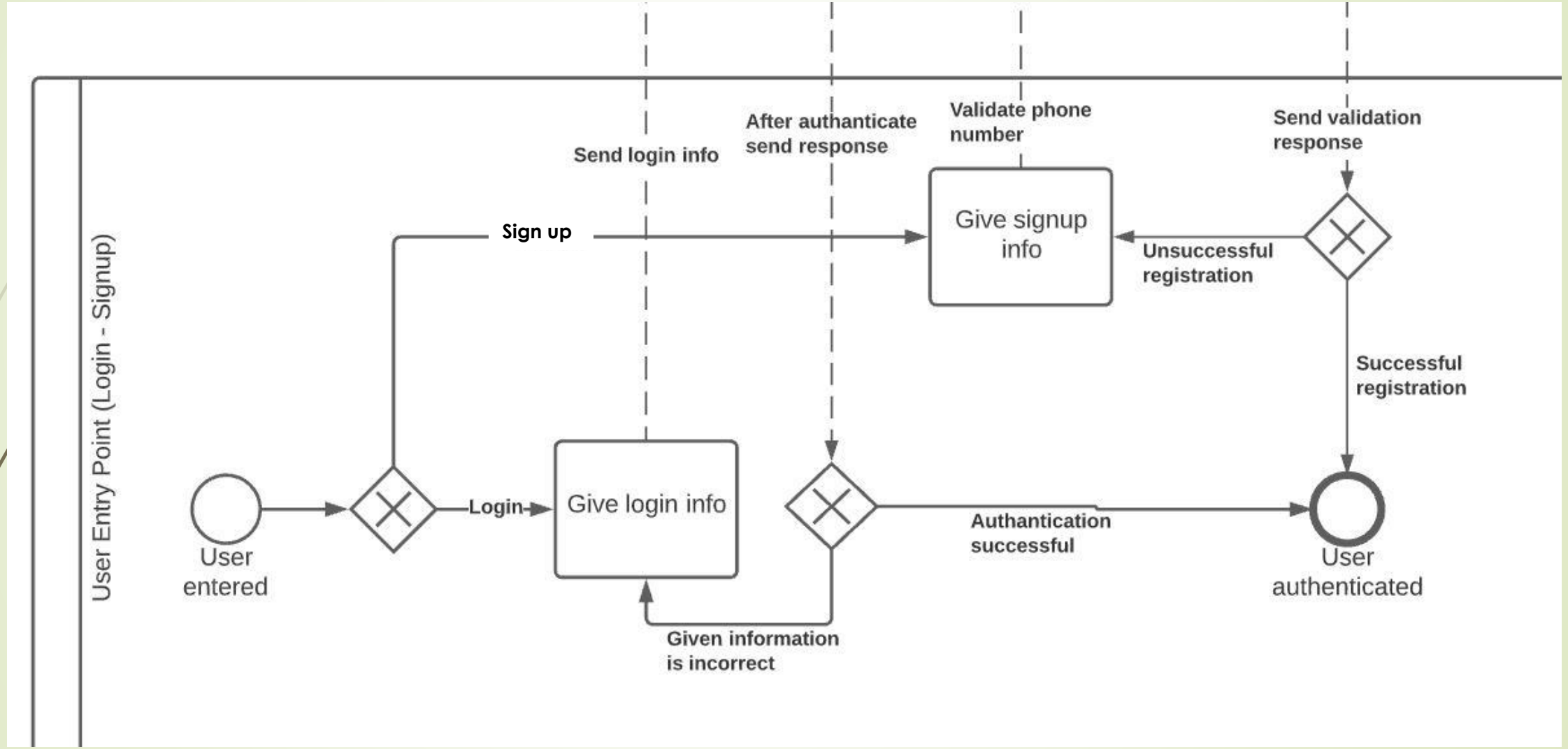
User


User (Vehicle Owner)
User Entry Point (Login - Signup)
Send login info
After authanticate send response
Validate phone number
Send validation response
Singup
Give signup info
Unsuccessful registration
Successful registration
User entered
Login
Give login info
Authantication successful
User authenticated
Given information is incorrect
Route Browsing
Send source and destination to retrive the Toll booth position
Recieve booth position and cost
Verify the vehicle no
Route browse
Take source & destination
Show route and location of Toll booth
Select booths and vehicle
Select or input vehicle number
Payment
Send booth number and vehicle number to make a payment
Sufficient balance
Recieved payemnt confirmation message
Payment Entry
Check balance
Insufficient balance
Payment confirmed
Recharge
Unsuccessful
Recharge completed
Get payment confirmation
Take input amount
Send to payment gateway to recharge
Yes
Want to recharge
Recharge entry
Recharge failed
Reminder
Make payment for due toll
Reminder recieved
show reminder message
Payment Gateway
Lane

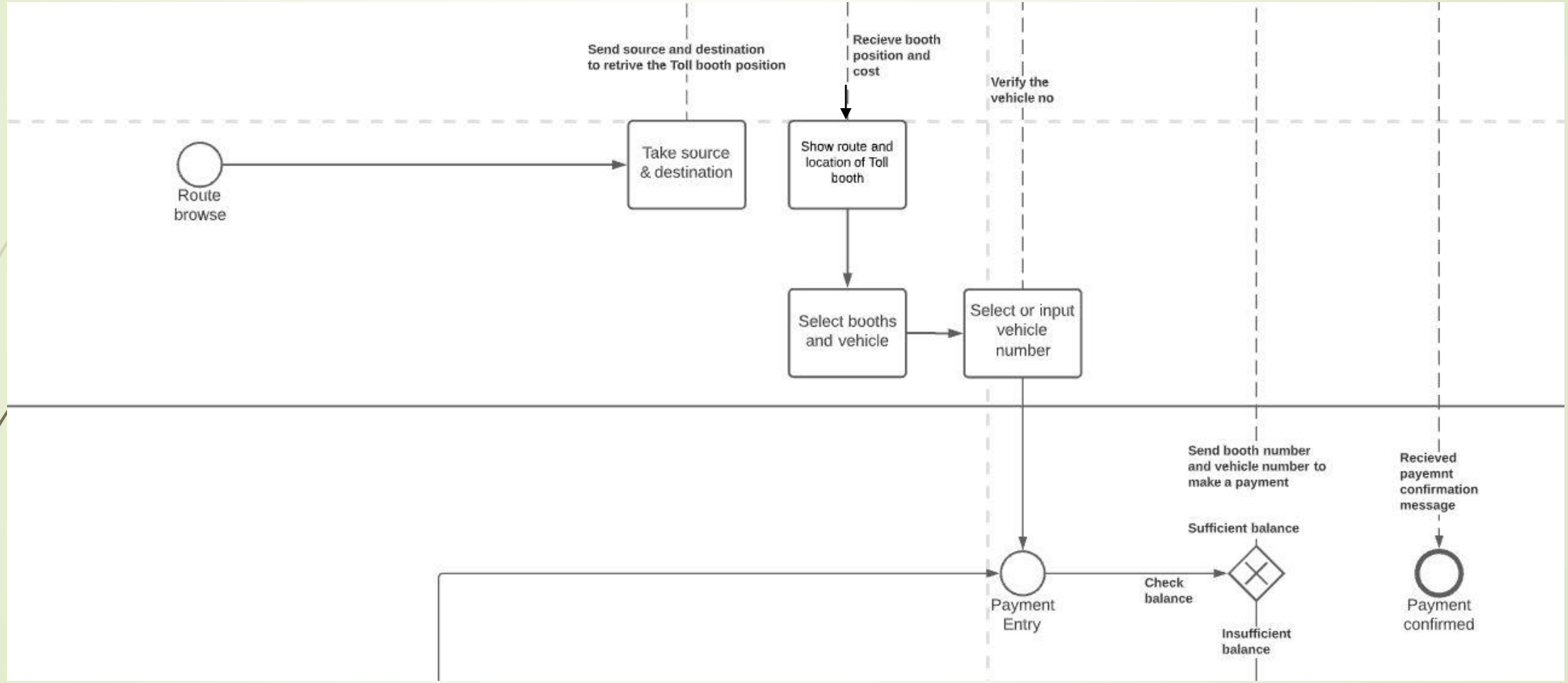
Admin


Admin
Admin logined
Enter data for new booth
Installing new booth
Successfully installed

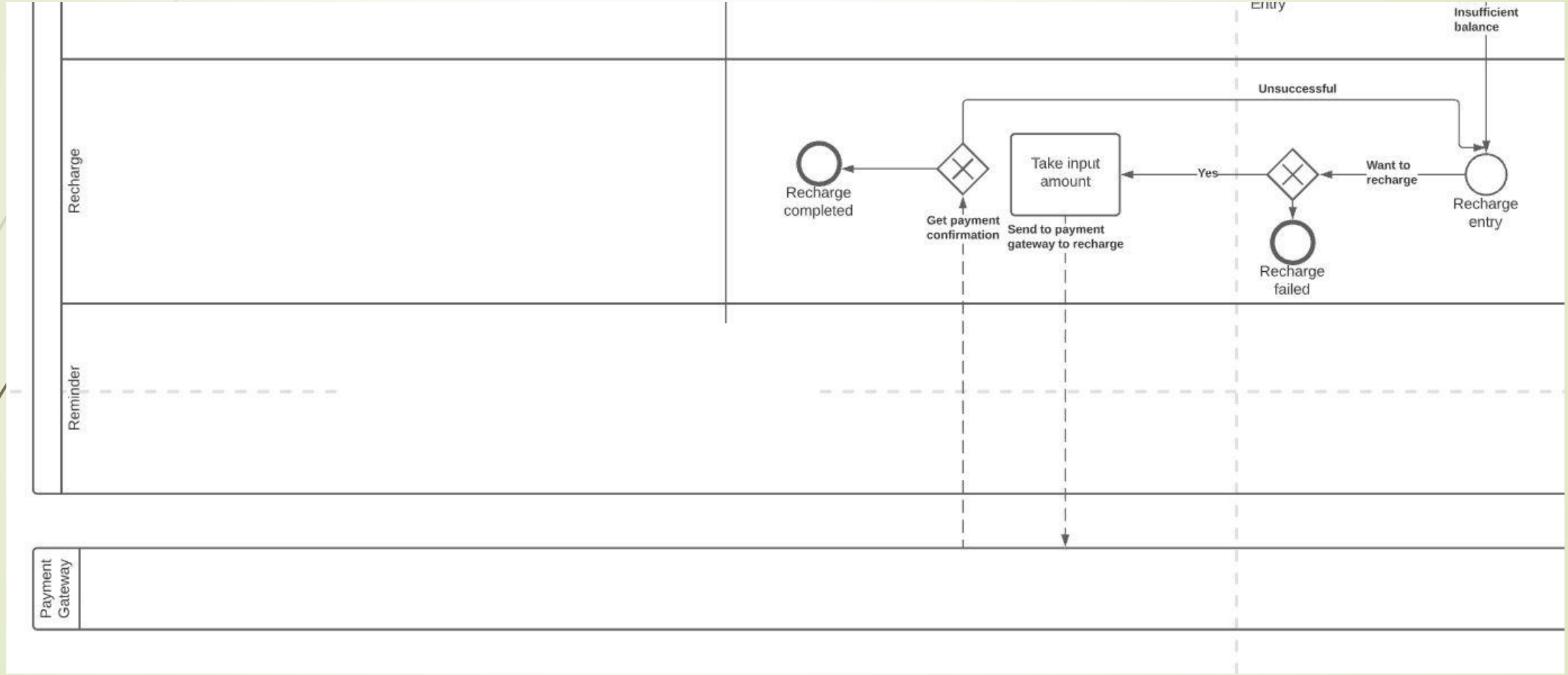
User – Entry Point



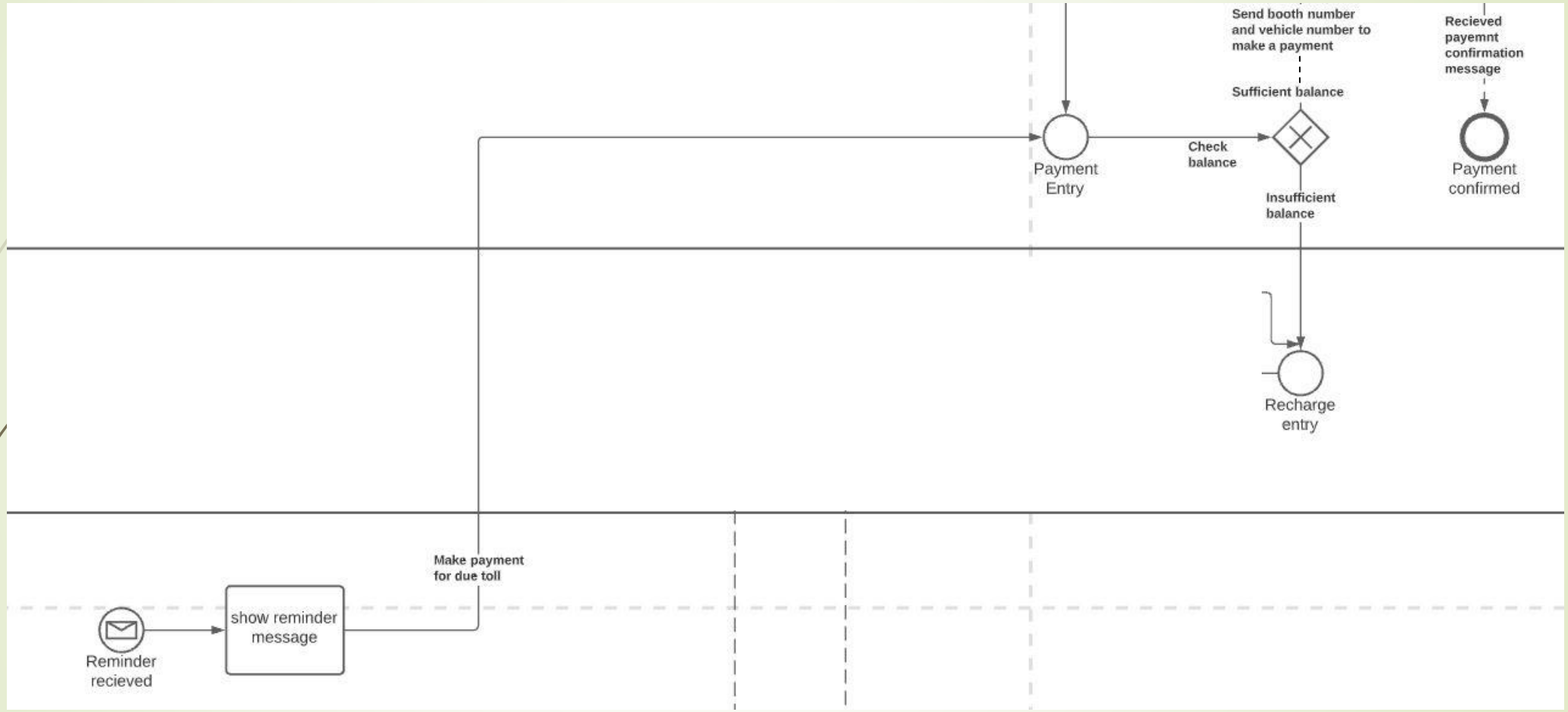
User – Route Browse



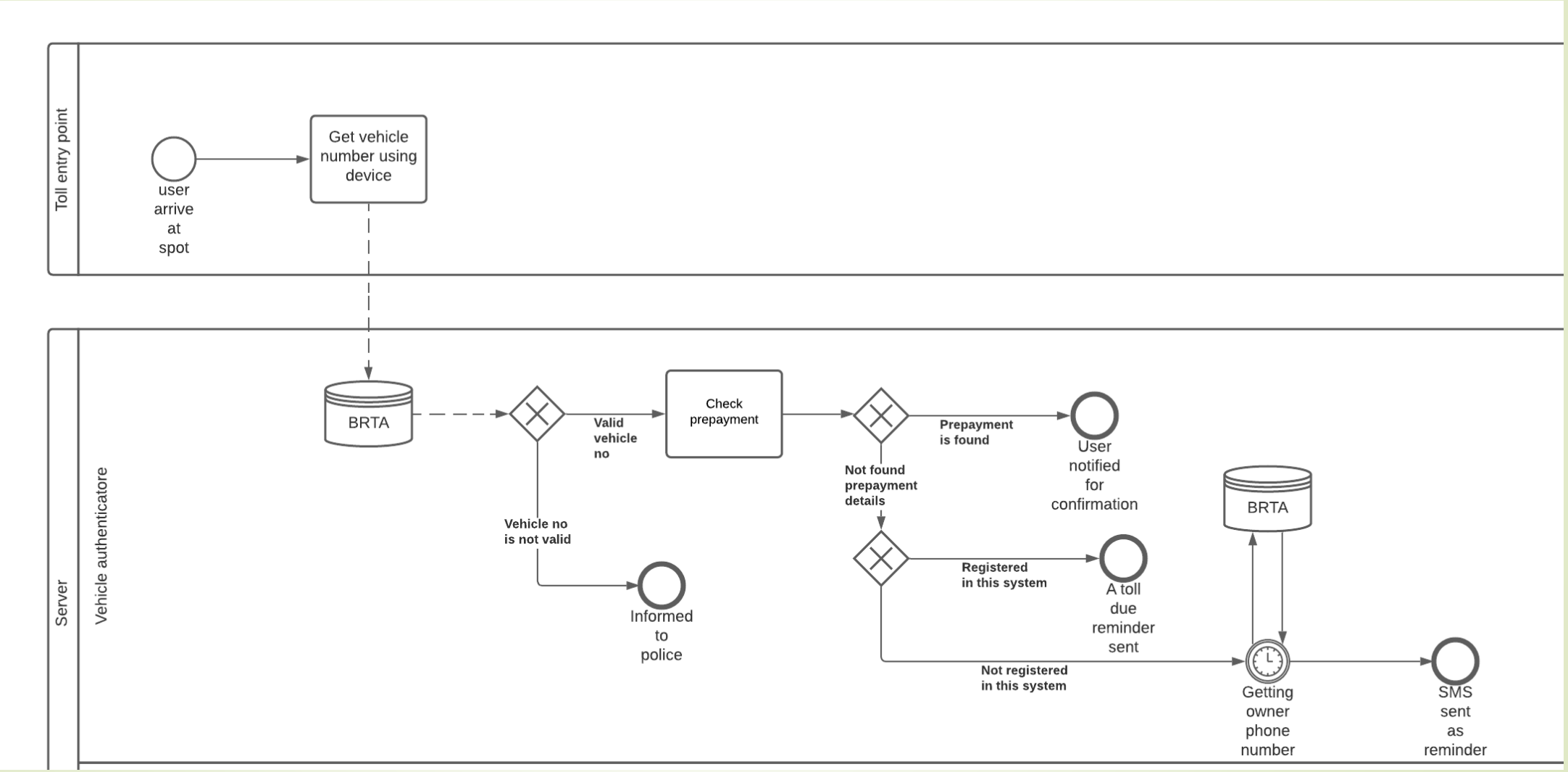
User – Recharge



User – Reminder



Toll Entry Point



Thank You!