Homework 2

Customer

Ride request | Reason for cancellation | Reason for cancellation | Car information | Arrival info | Customer got in message | Ride information | Receipt | Evaluation form | Filled evaluation form

Taxi application

Application SW

Application SW

- Ride request recieved
- Review the request
- Request not OK
- Ride canceled
- Until driver accepts
- 5 min
- Contact nearby driver
- Assign driver to ride
- Ride canceled
- Send car information

This parallelism is not need, message events occurs immediately.

- Send info about driver arriving
- 10 min
- Resolve unsuccessful ride
- Subprocess also deals with fine for customer
- Ride unsuccessful
- Customer got in message recieved
- Generate receipt
- Reciept
- Send reciept
- Send ride evaluation form
- Evaluation form recieved
- Process evaluation
- Ride finished with evaluation
- Ride finished without evaluation
- 3 days

Application SW

Driver

Driver

- Review ride info
- Drive to pickup location
- Drive to specified location
- Confirms arrival to location

Driver
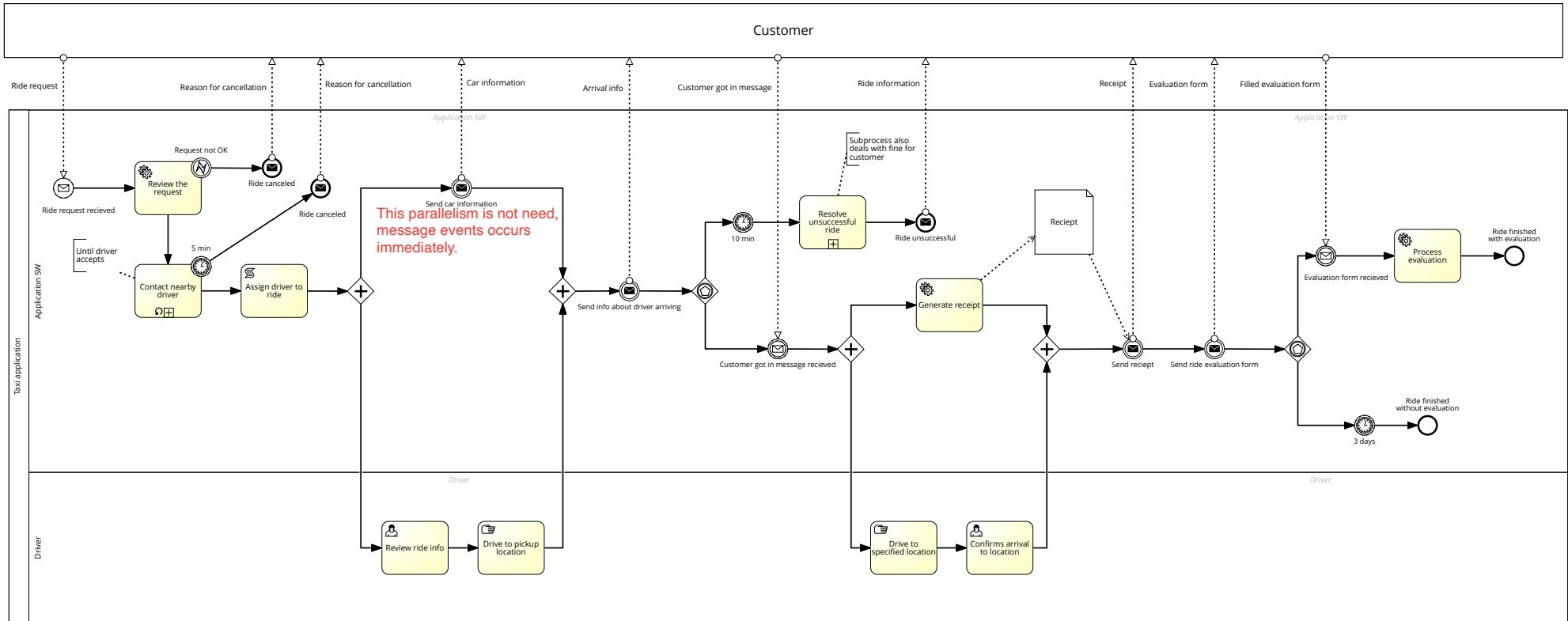

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Description: Process of ordering taxi via Taxi application. If customer needs a ride to some specified location, he can simply use the application and order a taxi. At first application review the ride request and then try to find a driver for customer. Driver found, drives to the pickup spot and customer gets in. Driver drives to a specified location and customer get out. Application sends receipt to customer and ask him to evaluate the ride experience.

Result: 12