Homework

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Driver part report:

This project describes an application for online car-hailing services which need four part. The part which a diver’s process is as follow. When a driver wants to start a business, it is important to register and review qualification. Waiting for the driver to pass the audit before receiving the order. The driver starts online and then waiting for message about a order. When the driver receives the order. The driver could choose to Confirm or cancel. Driver need to connect with the passenger and waiting for the passenger if confirmed. When the passenger gets on the car. Driver start to record the mileage. If there is a traffic accident，the system need to throw an exception. Under normal circumstances the car reached its destination without any trouble，then the order information is submitted to the company for settlement. Business can be suspended or closed if there are no orders in progress.

Specific process:

1. The driver logs into the system and needs to verify that he is a registered user.
2. If the driver has been registered, he can enter the business.
3. If there is no registration, he needs to submit information such as driver's license, identity information and vehicle information for registration, and then submit the information for review
4. After logging in the system, confirm the start of business, can accept orders
5. After receiving the order, if the driver does not confirm, the default wait 20 seconds to cancel.
6. After confirming the order, wait for the passengers and contact with the passengers. After receiving the passengers, confirm the passengers get on the bus and record the mileage by meter.
7. Abnormal handling and settlement of driving process.
8. In case of accident, contact company, hospital, insurance company, etc.
9. After successfully reaching the destination, the formation information will be sent to the company for settlement.
10. Then the next order can be placed
11. Drivers can choose to enter the rest stage and off duty stage; the company will not send orders to the driver.

Process of BPMN:

a.

The driver logs into the system and needs to verify that he is a registered user.

If the driver has been registered, he can enter the business.

If there is no registration, he needs to submit information such as driver's license, identity information and vehicle information for registration, and then submit the information for review.

b.

After logging in the system, confirm the start of business, can accept orders.

After receiving the order, if the driver does not conform, the default waits 20 seconds to cancel.

After confirming the order, wait for the passengers and contact with the passengers. The process of wait for the passengers describes by CMMN. After receiving the passengers, conform the passengers get on the car and record the mileage by a meter.

c.

Abnormal handling and settlement of the driving process.

In case of an accident, contact company, hospital, insurance company, etc.

After successfully arrive the destination, driver settlement with the passengers. Then the information will be sent to the company for settlement.

Then the next order can be placed.

d.

Drivers can choose to take a break or closing business. if closed the company will not send orders

to the driver.

Subprocess of CMMN: wait for the passengers:

First, the driver needs to confirm passengers’ position, there is a stage to describe the process. It is necessary to connect with passengers by phone to get information about the position, then the driver drives to the position. It is a milestone when meeting the passenger, the next task is confirming the passengers get on the car.