UBER TAXI

BUSINESS PROCESS ENGINEERING CLASS F94- 70.20.1

ALI B. KARIMI Nov. 2020 UNIVERSITY OF MILAN



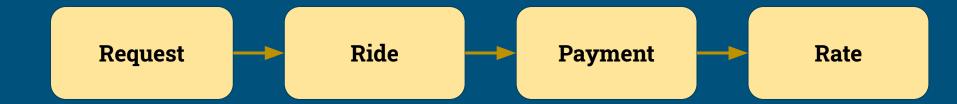


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1. WORKFLOW



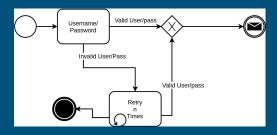
2. Processes

• Customer (Rider)

- UBER
 - a. Platform/ Service
 - b. Driver
 - c. DATA

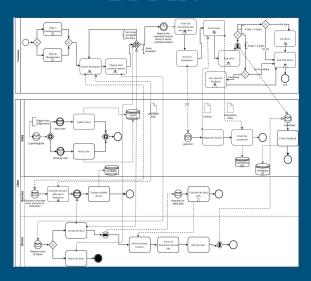
3. Business Process Flow

Sub-processes

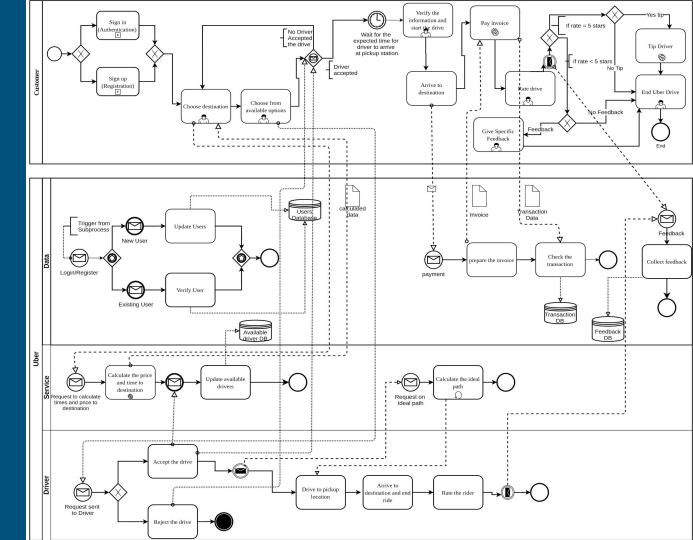




BPMN

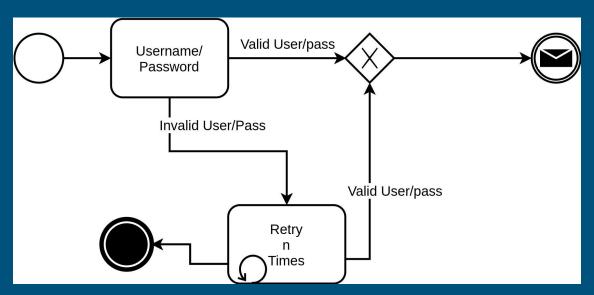


3.a. BPMN



3.b. Sub-processes

Login



3.b. Sub-processes

Register



4. Value Model

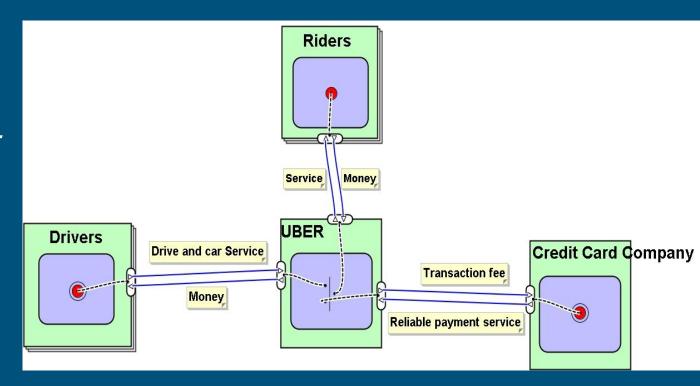
Actors

Customer/ Rider

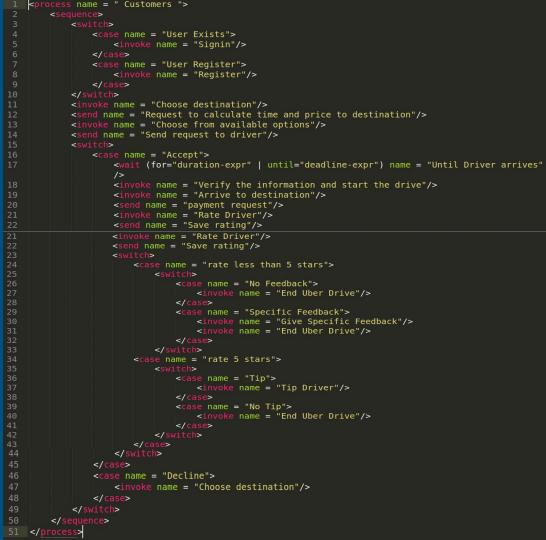
Uber Platform

Driver

Credit Card Co.



Customer



UBER Service

```
<onMessage = "User Enters">
        <onMessage = "New User">
            <invoke name = "Update Users"/>
            <invoke name = "Verify User"/>
<onMessage = "payment">
    <send name = "invoice"/>
    <invoke name = "Check the transaction"/>
<onMessage = "Feedback">
<onMessage = "Request to calculate">
    <invoke name = "calculate the price and time to destination"/>
    <send name = "calculated data"/>
    <onMessage = "Driver accepts">
        <invoke name = "Update available drivers"/>
<onMessage = "Request on ideal path">
    <invoke name = "Calculate the ideal path"/>
    <send name = "Calculated route"/>
<onMessage = "Request sent to driver">
        <case name = "Accept">
  <invoke name = "Accept the Drive"/>
            <send name = "Drive accepted"/>
            <invoke name = "Drive to pickup location"/>
            <invoke name = "Arrive to destination and end the ride"/>
            <invoke name = "rate the rider"/>
            <send name = "Feedback"/>
        <case name = "Decline">
            <invoke name = "Reject the Drive"/>
            <send name = "Drive Rejected"/>
```

cess name = "Uber">

Authentication

Register

Thank you!