MYTAXI SYSTEM

Use Case: <UC\_USER\_007– MANAGE ROUTES>

Version 1.0

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Summary of Change | Author |
| 07 Jun, 2016 | 1.0 | Initial version | Phuong Do |

Distribution for Review/Approval

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Title & Company | Issue Version | Issue Date | Review Date | Approval Date |
| Do Hoang | BA Lead - BAC | 1.0 | 07 Jun, 2016 | 09 Jun, 2016 |  |

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# Introduction

|  |  |
| --- | --- |
| ID and Name | UC\_User\_007-Manage Routes |
| Description | - Help users manage their routes list. |
| Actor | * Driver * Passenger |
| Relationships | Includes:   * Login   Extends:   * Detail Route * Create Route * Update Route * Delete Route |
| Pre-conditions | 1/ Successful login to the system  2/ Access to the screen Management route. |
| Post-conditions |  |

# Processes



## Detail Route



## Create Route



**2.3 Update Route**



**2.4 Delete Route**



# Flow of Events

## Basic Flow:

### Basic Flow: <Detail Route>

|  |  |
| --- | --- |
| **Step** | **Description** |
|  | The actor access to the screen Management route. |
|  | The actor click button “Detail Route” |
|  | The system show screen “DETAIL ROUTE” |
|  | The system show data detail on screen. |
|  | The actor click button “Next” |
|  | The screen will run next to map. |
|  | The system show map route: start and end locations of the route on the map |
|  | Click button “Exit” |
|  | Come back screen “Manage Routes” |

### Basic Flow: <Add Route>

|  |  |
| --- | --- |
| **Step** | **Description** |
|  | The actor access to the screen Management route. |
|  | The actor click button “Add new” |
|  | The system show screen “ADD ROUTE” |
|  | Actor input route information and personal information |
|  | The actor click button “Next” |
|  | The system validate data |
|  | The screen will run next to map. |
|  | Actor select start and end locations of the route on the map |
|  | Click button “Save” |
|  | The systems validate data |
|  | Save route into Database and add to the list routes |
|  | Come back screen “Manage Routes” |

## 3.1.2 Basic Flow: <Update Route>

|  |  |
| --- | --- |
| **Step** | **Description** |
|  | The actor access to the screen Management route. |
|  | The actor select route in list |
|  | The actor click button “Update” |
|  | The system show screen “UPDATE ROUTE” |
|  | Actor edit route information and personal information |
|  | The actor click button “Next” |
|  | The system validate data |
|  | The screen will run next to map. |
|  | Actor select start and end locations of the route on the map |
|  | Click button “Save” |
|  | The systems validate data |
|  | Update route into Database and add to the list routes |
|  | Come back screen “Manage Routes” |

## 3.1.3 Basic Flow: <Delete Route>

|  |  |
| --- | --- |
| **Step** | **Description** |
|  | The actor access to the screen Management route. |
|  | The actor select route in list |
|  | The actor click button “Delete” |
|  | The system show messeage: “The system will delete the route "ABC", do you want to continue?” |
|  | The system delete route in Database |
|  | The system show message: “You have deleted successfully the route "ABC".” |
|  | Come back screen “Manage Routes” |

## Alternative Flows:

N/A

# Business Rules

|  |  |
| --- | --- |
| **BR ID** | **Description** |
| BR1 | <Description, calculation logics, sample> |
| BR2 | <Description, calculation logics, sample> |
| BR3 | <Description, calculation logics, sample> |

# Special Requirements

<Only list out the non-functional requirements applied for this specific UC, not for the whole system. Normally it is performance requirement.>

# Supplementary Information

<Contain any additional materials that

* support to understand this use case better such as workflow, activity diagrams, data dictionary
* supplementary details for the completeness of this use case such as data specifications of entities used in the flows, message log
* golden data
* etc.

>

# Related Documents

<only needed if this document refers to many other documents, this section aims to give the readers a summary of all referenced documents>

|  |  |
| --- | --- |
| **When** | **Refer to** |
| <Purpose> | <Document ID – Name, storage location if possible> |