MYTAXI SYSTEM

Use Case: <UC\_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 |  |

Contents

[1 Introduction 4](#_Toc454084088)

[2 Processes 5](#_Toc454084089)

[3 Flow of Events 5](#_Toc454084090)

[3.1 Basic Flow: 5](#_Toc454084091)

[Basic Flow: <Login by Third party> 5](#_Toc454084092)

[3.1.2 Basic Flow: <Login with email> 6](#_Toc454084093)

[3.2 Alternative Flows: 6](#_Toc454084094)

[3.2.1 Alternative Flows: < Login by Third party failure> 6](#_Toc454084095)

[3.2.2 Alternative Flows: < Login by Email failure> 6](#_Toc454084096)

[4 Business Rules 7](#_Toc454084097)

[5 Special Requirements 7](#_Toc454084098)

[6 Supplementary Information 7](#_Toc454084099)

[7 Related Documents 7](#_Toc454084100)

# Introduction

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

# Processes

2.1 Add Route



2.2 Update Route



2.3 Delete Route



# Flow of Events

## Basic Flow:

### Basic Flow: <Add Route>

|  |  |
| --- | --- |
| **Step** | **Description** |
|  | The actor access to the route management screen |
|  | Actor input route information and personal information |
|  | Actor select start and end locations of the route on the map |
|  | System launches the validation process |
|  | Actor accept login with personal information |
|  | Show Home page |

## 3.1.2 Basic Flow: <Login with email>

|  |  |
| --- | --- |
| **Step** | **Description** |
|  | The actor open application in his/her mobile |
|  | The Login page is displayed |
|  | The actor enter usename, password in textbox |
|  | The actor click Login button |
|  | System launches the validation process  + Checking that the actor’s email is/are existing in the DB.  + Checking that the actor’s password is/are existing in the DB. |
|  | The system displays the result of the validation:  + In case of successful, system displayed the “Account management” screen |
|  | * In case of successful,user login sucessful |
|  | The end |

## Alternative Flows:

### 3.2.1 Alternative Flows: < Login by Third party failure>

|  |  |
| --- | --- |
| **Step** | **Description** |
| 1 | At the step 3 of the Basic flow, Actor select a tool but not login |
| 2 | The system will desplayed “actor check login process with 3rd-party” |
| 3 | The actor login again |
| 4 | The end |

### 3.2.2 Alternative Flows: < Login by Email failure>

|  |  |
| --- | --- |
| **Step** | **Description** |
| 1 | At the step 4 of the Basic flow, actor entered invalid data and clicks “Login” button |
| 2 | In case error (Email or password incorrect): The system will displayed the Login page with the list of errors |
| 3 | The actor check errors, login again |
| 4 | The end |

# 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> |