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| Use Case ID: | 01 | |
| Use Case Name: | Sign up | |
| Actors: | Service User/Owner | |
| Entry condition: | User start the application | |
| Exit condition: | The system redirect user to home activity | |
| Flow of events | **User Action** | **System Action** |
| 1. The user activates Sign-Up function | 1. The system responds by presenting a form to the user |
| 1. The User fills out the form and submit it. | 1. System approves information and ask user for the confirmation code that sent via email. |
| 1. The User fills confirmation code. | 1. The system save user and redirect to home activity |
| Exceptions: | **User Action** | **System Action** |
| 1. The User fills invalid data. | 1. The System rejects user as required information not completed – invalid information. |
| 1. The User fills invalid registration code. | 1. The system ask to re-enter code. |
| Quality requirements | * User activate confirmation code within 1h. | |

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| Use Case ID: | 02 | |
| Use Case Name: | Login | |
| Actors: | Service User/Owner | |
| Entry conditions: | User has an existing account | |
| Exit conditions: | The system redirect user to home activity | |
| Flow of events | **User Action** | **System Action** |
| 1. User activates Sign-In activity. | 1. The system respond by presenting login form to the user. |
| 1. The user fills out the form. | 1. System checks user data and redirect to home activity. |
| Exceptions: | **User Action** | **System Action** |
| 1. User enter invalid email and password | 1. System rejects user as information is invalid |
| Quality requirements |  | |

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| Use Case ID: | 03 | |
| Use Case Name: | Sign out | |
| Actors: | Service User/Owner | |
| Entry-conditions: | User has logged-In | |
| Exit-conditions: | The system redirect user to login activity | |
| Flow of events | **User Action** | **System Action** |
| 1. User activates sign-out function. | 1. System ends session and redirect user to login activity. |
| Exceptions: | **User Action** | **System Action** |
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| Quality requirements |  | |

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| Use Case ID: | 04 | |
| Use Case Name: | activate Payment Methods | |
| Actors: | Service User | |
| Entry condition: | Sign in | |
| Exit-conditions: | System redirect user to profile | |
| Flow of events: | **User Action** | **System Action** |
| 1. User clicks on add payment method |  |
|  | 1. System response by presenting card info form. |
| 1. User fills out the form and submit. |  |
|  | 1. System Approved. |
| Exceptions: | **User Action** | **System Action** |
| 1. User enters invalid details. |  |
|  | 1. System rejects payment method – invalid information. |
| Quality requirements | User has valid credit card. | |

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| Use Case ID: | 05 | |
| Use Case Name: | Select category. | |
| Actors: | User | |
| Entry condition: | User has logged in | |
| Exit-conditions: | System Show map with category info. | |
| Flow of events: | **User Action** | **System Action** |
| User selects specific category. |  |
|  | System Retrieve category information. |
| Exceptions: | **User Action** | **System Action** |
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| Quality requirements | Get category info within 3 seconds. | |

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| Use Case ID: | 06 | |
| Use Case Name: | Rate Service | |
| Actors: | Service User/Owner | |
| Entry condition: | End Trip | |
| Exit-conditions: | System redirect user to Homepage | |
| Flow of events | **User Action** | **System Action** |
| 1. Owner terminate rental | 1. System asks for rating the service. |
| 1. User Rates the services and submit. | 1. System redirect user to Homepage |
| Exceptions: | **User Action** | **System Action** |
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| Quality requirements |  | |

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| Use Case ID: | 07 | |
| Use Case Name: | Forget password | |
| Actors: | Service User/Owner | |
| Entre-conditions: | Sign up | |
| Exit-conditions: | System reset password | |
| Flow of events | **User Action** | **System Action** |
| 1. User invoke forget password. | 1. System responds by presenting form to enter Email. |
| 1. User fills out form by entering his email. | 1. System sends form link that user should entering new password in. |
|  | 1. User fills new password. | 1. System send confirmation email that password was changed. |
| Exceptions: | **User Action** | **System Action** |
| 1. User enters invalid password. |  |
|  | 1. Systems ask user for new password |
| Quality requirements | User should change password within 1h. | |

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| Use Case ID: | 08 | |
| Use Case Name: | Add new Car | |
| Actors: | Service Owner | |
| Entre-conditions: | Sign in | |
| Exit-conditions: | System Notify that a new car is added | |
| Flow of events | **User Action** | **System Action** |
| 1. Select Add new car. |  |
|  | 1. System return form contain car information needed. |
| 1. Services owner insert car information and submit. |  |
|  | 1. System approves a new car and add it to database. |
| Exceptions: | **User Action** | **System Action** |
| 1. Users enter invalid information |  |
|  | 1. System ask for new car info. |
| Quality requirements |  | |

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| Use Case ID: | 09 | |
| Use Case Name: | Remove car | |
| Actors: | Service Owner | |
| Entre-conditions: | Sign in | |
| Exit-conditions: | System Notify that a new car is removed | |
| Flow of events: | **User Action** | **System Action** |
| 1. Owner invoke delete car |  |
|  |  |
|  | 1. System retrieves all cars |
| 1. Owner Select a specific car |  |
|  | 1. System ask for user confirmation |
| 1. User confirm deletion | 6-System remove chosen car and notify user. |
| Exceptions: | **User Action** | **System Action** |
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| Quality requirements |  | |

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| --- | --- | --- |
| Use Case ID: | 10 | |
| Use Case Name: | Store Status (Online/Offline) | |
| Actors: | Service Owner | |
| Entre-conditions: | Login | |
| Exit-conditions: | System redirect to Homepage | |
| Flow of events: | **User Action** | **System Action** |
| 1. User select Edit Store | 1. System show store status |
| 1. User selects store status | 1. System update store status |
| Exceptions: | **User Action** | **System Action** |
|  |  |
| Quality requirements |  | |

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| --- | --- | --- |
| Use Case ID: | 11 | |
| Use Case Name: | Request bike | |
| Actors: | Customer | |
| Entre conditions: | User logged in | |
| Exit conditions: | System Confirm request | |
| Flow of events: | **User Action** | **System Action** |
| 1. The user Select bike category. | 1. System show the active bike stores close to the user**.** |
| 1. The user selects a store. | 1. System shows number of available bikes on the store. |
| 1. The user request a bike. | 1. System confirm request |
| Exceptions: | User Action | System Action |
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| Quality requirements | User have to reach the store within 30 minute. | |

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| Use Case ID: | 12 | | |
| Use Case Name: | Terminate Trip | | |
| Actors: | Owner | | |
| Entre-conditions: | Receive vehicle | | |
| Exit-conditions: | End trip | | |
| Flow of events: | **User Action** | **System Action** | |
| 1-Owner receive vehicle |  | |
|  | 2- Show calculated money. | |
| 3. Take money if paid in cash. |  | |
|  | 4- ask for rate customer | |
| 5- Rate customer. |  | |
| Exceptions: | **User Action** | **System Action** | |
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| Quality requirements |  | |

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| Use Case ID: | 13 | | |
| Use Case Name: | Recharge Quota | | |
| Actors: | Service Owner | | |
| Pre-conditions: | Login as owner | | |
| Post-conditions: | Receive money | | |
| Flow of events: | **User Action** | **System Action** | |
| 1- Select payment method |  | |
| 2-Enter User ID |  | |
| 3-Rechanrge Quota |  | |
|  | 3- System update user quota | |
| Exceptions: | **User Action** | **System Action** | |
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| Quality requirements |  | |

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| Use Case ID: | 14 | | |
| Use Case Name: | Cancel request | | |
| Actors: | Owner | | |
| Pre-conditions: | Statues type online | | |
| Post-conditions: | Send notification to user | | |
| Flow of events: | **User Action** | **System Action** | |
| 1. Owner cancel request |  | |
|  | 1. System send notification to owner that request canceled. | |
| 1. Owner set vehicle active. |  | |
|  | 1. Show vehicle on map. | |
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| Exceptions: | **User Action** | **System Action** | |
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| Use Case ID: | 15 | |
| Use Case Name: | Accept request | |
| Actors: | Owner | |
| Pre-conditions: | Statues type online | |
| Post-conditions: | Change statues to offline , start trip | |
| Flow of events: | **User Action** | **System Action** |
|  | Send request to owner |
| Owner accept request |  |
|  | System respond |
|  | Show trip road , and start trip |
| Exceptions: | **User Action** | **System Action** |
|  | User cancel request |
|  |  | Added –ve cost to user in special cases |
|  | Change statues to online |  |
| Quality requirements |  | | |

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| --- | --- | --- |
| Use Case ID: | 16 | |
| Use Case Name: | Show notification | |
| Actors: | Service user | |
| Pre-conditions: | Login | |
| Post-conditions: | Know notification | |
| Flow of events: | **User Action** | **System Action** |
| 1-Log in |  |
| 2-Show profile |  |
| 3-select show notification |  |
|  | 4-system retrieve recent notifications |
| Exceptions: | **User Action** | **System Action** |
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| --- | --- | --- |
| Use Case ID: | 17 | |
| Use Case Name: | Cancel Request | |
| Actors: | User | |
| Pre-conditions: | Request vehicle | |
| Post-conditions: | Trip termination | |
| Flow of events: | **User Action** | **System Action** |
| 1. Open request and cancel. |  |
|  | 1. System send notification to user that request is canceld. |
| Exceptions: | **User Action** | **System Action** |
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| Use Case ID: | 18 | |
| Use Case Name: | Soft delete user | |
| Actors: | Admin | |
| Pre-conditions: | Login ->retrieve users | |
| Post-conditions: | Notify deleted user | |
| Flow of events: | **User Action** | **System Action** |
| 1-select user | 2-show user info |
| 3-set user deleted | 4-send email to deleted user |
| Exceptions: | **User Action** | **System Action** |
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| --- | --- | --- |
| Use Case ID: | 19 | |
| Use Case Name: | Retrieve user | |
| Actors: | Admin | |
| Pre-conditions: | login | |
| Post-conditions: | Show user info | |
| Flow of events: | **User Action** | **System Action** |
| 1-select user type | 2-retrieve users |
| 3-filter users | 4-show users info |
| Exceptions: | **User Action** | **System Action** |
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| --- | --- | --- |
| Use Case ID: | 20 | |
| Use Case Name: | Activate deleted user | |
| Actors: | admin | |
| Pre-conditions: | Retrieve deleted user | |
| Post-conditions: | Notify user | |
| Flow of events: | **User Action** | **System Action** |
| 1-Select user | 2-Show info |
| 3-Set user as active | 4-send email to user |
| Exceptions: | **User Action** | **System Action** |
|  |  |