# Use Case Diagram Example



**Vber app**

- Verify Name and Password
- Login
- << include >>
- << extend >>
- Show login error
- Request ride
- << include >>
- Search for free drivers
- Accept ride
- << extend >>
- << extend >>
- Confirm ride
- Return "No free drivers"
- Decline ride
- << extend >>
- Return ride price and time
- Cancel ride
- If someone cancel a ride after it's accepted this person receive a cancelation fee
- << include >>
- Send cancelation fee
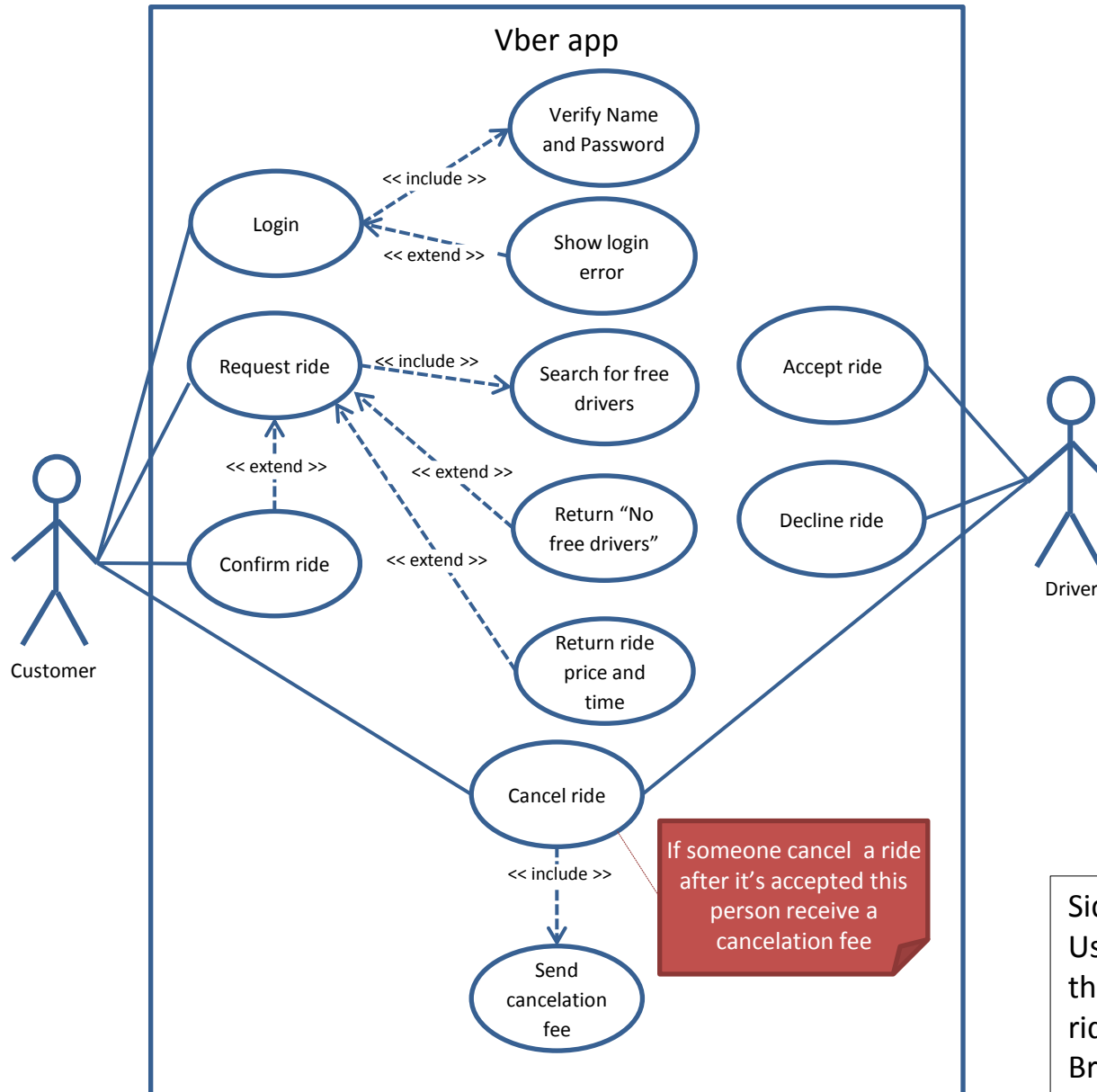
Customer

Driver

Side note: I created this Use Case Diagram to mimic the behavior of a famous ride application here in Brasil (Uber).

# Use Case Documents Examples

| | |
|---|---|
| Name: | Login |
| Summary: | Displays to the user the login interface |
| Version: | 1.1 |
| Preconditions: | 1. Application must be on. |
| Triggers: | 1. Application start s. |
| Main Success Scenario: | 1. Display for the user a box with two fields with the legends "Username" and "Password", and a "Enter" button.<br>2. User types their username and password.<br>3. User presses the "Enter" button. |
| Alternative Success Scenarios: | 1. If the system is being used by the first time in the device, the system displays a box with the buttons "Log In" and "Sing Up".<br>1.1 If the user press "Log In" display the normal login interface.<br>1.2 If the user press "Sing Up" go to the sing up interface. |
| Postconditions: | 1. The system runs the "Verify Name and Password" function.<br>1.1 If username and password are correct the system goes to the Request Ride interface.<br>1.2 If username or password are incorrect show a login error message. |
| Business Rules: | 1. Username and Password can not be null or empty when the "Enter" button is pressed. |
| Notes: | |
| Author: | André Matheus |
| Date: | June, 29th 2019 |

| | |
|---|---|
| Name: | Request Ride |
| Summary: | Interface where the user enter the information about where he want to go. |
| Version: | 1.1 |
| Preconditions: | 1. Application must be on.<br>2. An account must have been logged. |
| Triggers: | 1. The user logged in the app. |
| Main Success Scenario: | 1. Display for the user a box with two fields one for the ride starting point and other for the place he want to go to, and a button called "Search ride".<br>2. User types the address of where he will get the car and the address for where he want to go.<br>3. User presses the "Search ride" button. |
| Alternative Success Scenarios: | |
| Postconditions: | 1. The system calls the "Search for free drivers" using the addresses inputted by the user.<br>1.1 If any drivers are free or if all free drivers decline the ride, return a "No free drivers" message.<br>1.2 If a driver accept the ride return the ride price and time to arrive. |
| Business Rules: | 1. The addresses used must be valid. |
| Notes: | |
| Author: | André Matheus |
| Date: | June, 29th 2019 |

Side note: I based these Use Case Documents on the template found in the book provided by the course.