

# PA165-BlaBlaCar

---

Jozef Cibík

# Table of Contents

Stereotypes.....	4
BlaBlaCar Use Case Diagram.....	6
Class Diagram1.....	16

# Table of Figures

BlaBlaCar Use Case Diagram.....	6
Class Diagram1.....	16

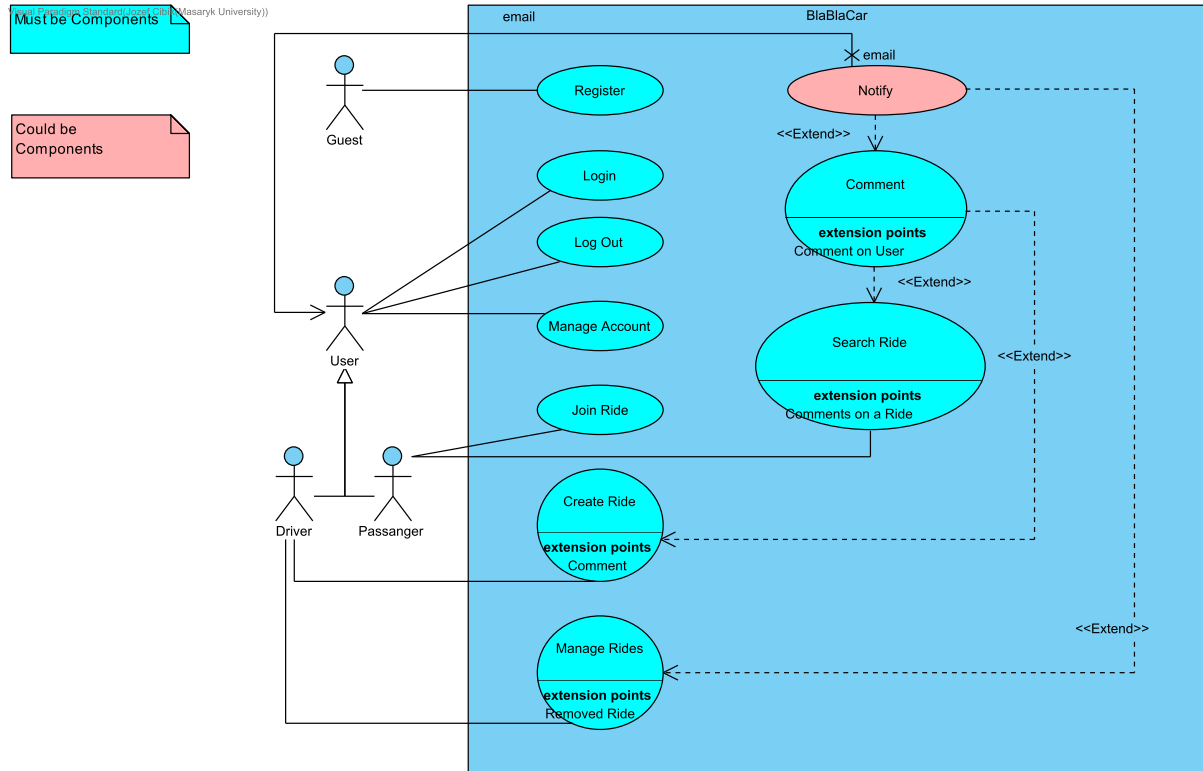
# Stereotypes

UseCase		
Tagged Value Definitions	Level	
	Backlog Activity Id	0
	Type	Enumeration
	Enumeration Values	Summary, User, Subfunction
	Complexity	
	Backlog Activity Id	0
	Type	Enumeration
	Enumeration Values	Low, Medium, High
	Use Case Status	
	Backlog Activity Id	0
	Type	Enumeration
	Enumeration Values	Name Only, Initial, Base, Complete, Deferred
	Implementation Status	
	Backlog Activity Id	0
	Type	Enumeration
	Enumeration Values	Scheduled, Started, Partially Complete, Complete, Partially Deferred
	Preconditions	
	Backlog Activity Id	0
	Type	Multi-line Text
	Post-conditions	
	Backlog Activity Id	0
	Type	Multi-line Text
	Author	
	Backlog Activity Id	0
	Type	Text
	Assumptions	
	Backlog Activity Id	0
	Type	Multi-line Text
Case Story		
Context		

requirement		
Tagged Value Definitions	<b>Text</b>	
	Backlog Activity Id	0
	Type	HTML
	<b>ID</b>	
	Backlog Activity Id	0
	Type	Text
	<b>source</b>	
	Backlog Activity Id	0
	Type	Text
	<b>kind</b>	
	Backlog Activity Id	0
	Type	Enumeration
	Enumeration Values	Functional, Performance, Interface
	<b>verifyMethod</b>	
	Backlog Activity Id	0
	Type	Enumeration
	Enumeration Values	Analysis, Demonstration, Inspection, Test
	<b>risk</b>	
	Backlog Activity Id	0
	Type	Enumeration
	Enumeration Values	High, Medium, Low
	<b>status</b>	
	Backlog Activity Id	0
	Type	Enumeration
	Enumeration Values	Proposed, Approved, Rejected, Deferred, Implemented, Mandatory, Obsolete
<b>Include</b>		
<b>Extend</b>		





## Use Case Diagram

# BlaBlaCar Use Case Diagram



## Summary



Name	Description
Driver	
Guest	
User	
Passanger	
Join Ride	
UCID	10
Description	Allow User to join a ride
Primary Actor	User
Seconary Actor	-
Preconditions	User must be logged in
Main Flow	1. User click on a Join Ride button on a specified Ride 2. User is registered to specified Ride
Post Conditions	User have listed rides
Alternate Flow	User canceled, User left
N/A	Could be Components

 Must Components	Must be Components	
 Create Ride	UCID	11
	Description	Allow User to create ride
	Primary Actor	User
	Seconary Actor	-
	Precoditions	User must be logged in
	Main Flow	1. User clicks on a Create a Ride button 2. Form is displayed to User 3. User fills out mandatory input data 4. User confirms
	Post Conditions	User added own ride
	Alternate Flow	User canceled, User left
 Notify	UCID	08
	Description	Notifies the user that was comment meant for
	Primary Actor	User
	Seconary Actor	-
	Precoditions	User must comment on given User
	Main Flow	1. Automated message to a User
	Post Conditions	Notification was sent on Users's profile
	Alternate Flow	-
 Comment	UCID	07
	Description	Allow User to comment on a Driver
	Primary Actor	User
	Seconary Actor	-
	Precoditions	User must be logged in
	Main Flow	1. User click on a comment button 2. Comment form is displayed to User 3. User writes the comment 4. User confirms
	Post Conditions	User added comment on a Driver
	Alternate Flow	User canceled, User left

● Manage Account	UCID	06
	Description	Allow User edit Account information
	Primary Actor	User
	Seconary Actor	-
	Preconditions	User must be logged In
	Main Flow	1. User clicks on a Edit Profile button 2. User has displayed two possibilities Edit or Remove Account 3. IF User clicks on a Edit button 3.1 Edit form is displayed to User 3.2 User fills out the information 3.3 User Confirms 4. IF User clicks on a Remove button 4.1 Confirm window is displayed to a User 4.2 User confirms
	Post Conditions	User edited his account
	Alternate Flow	User canceled, User left
● Register	UCID	01
	Description	Allow Guest to Register an Account
	Primary Actor	Guest
	Seconary Actor	-
	Preconditions	-
	Main Flow	1. Guest is on intro page 2. Guest clicks on Register an Account 3. Form is displayed to a Guest 4. Guest fills out mandatory information in a form 5. Guest confirms 6. Guest is logged in his Account as new User
	Post Conditions	Guest created his Account
	Alternate Flow	Guest canceled, User left
● Search Ride	UCID	09
	Description	Allow User to find a ride



	Primary Actor	User
	Secondary Actor	-
	Precoditions	User must be logged in
	Main Flow	1. User click on a Search Ride button 2. All rides are displayed to a User 3. Filter functionality is displayed to a User 4. IF User filters the query 4.1 Results are displayed to User
	Post Conditions	User have listed rides
	Alternate Flow	User canceled, User left
● Manage Rides		
	UCID	12
	Description	Allow User to change Ride Info
	Primary Actor	User
	Secondary Actor	-
	Precoditions	User must be logged in and have registered rides
	Main Flow	1. User clicks on a Manage Rides button 2. IF User has registered Rides 3. All his Rides are displayed 4. User selects his Ride from list 5. Ride details and edit form is displayed to User 6. IF User selects Edit Info 6.1 Edit form is displayed to User 6.2 User changes information 6.3 User confirms 7. IF User selects Remove Ride 7.1 Confirm window is displayed to a User 7.2 User confirms
	Post Conditions	User's rides info was changed or ride was removed
	Alternate Flow	User canceled operation, User left
● Log Out		
	UCID	03
	Description	Allows User to Log out
	Primary Actor	User

	Secondary Actor	-
	Precoditions	User must be logged In
	Main Flow	1. User clicks on Log Out button
	Post Conditions	User is Logged Out
	Alternate Flow	-
 Login	UCID	02
	Description	Allow User to Log In
	Primary Actor	User
	Secondary Actor	-
	Precoditions	User must be logged out, User must have an Account
	Main Flow	1. User is on Intro Page as Guest 2. User click on Log In button 3. Log in form is displayed to a User 4. User provides his Account name and password 5. User confirm 6. IF User's input data is valid 6.1 User is Logged In
	Post Conditions	User Logged In
	Alternate Flow	-
 BlaBlaCar		

## Details

 **Driver**

 **Guest**

 **User**

 **Passanger**

 **Join Ride**

 **N/A**

 **Must Components**

 **Create Ride**

## Extension Points

Comment	
Backlog Activity Id	0

 **Notify**

 **Comment**

## Extension Points

Comment on User	
Backlog Activity Id	0

 **Manage Account**

 **Register**

 **Search Ride**

## Extension Points

Comments on a Ride	
Backlog Activity Id	0

 **Manage Rides**

## Extension Points


Removed Ride	
Backlog Activity Id	0

 **Log Out**

 **Login**

 **BlaBlaCar**




## Children

Name	Description	
 Login	UCID	02
	Description	Allow User to Log In
	Primary Actor	User
	Secondary Actor	-
	Precoditions	User must be logged out, User must have an Account
	Main Flow	1. User is on Intro Page as Guest 2. User click on Log In button

	3. Log in form is displayed to a User 4. User provides his Account name and password 5. User confirm 6. IF User's input data is valid 6.1 User is Logged In	
	Post Conditions	User Logged In
	Alternate Flow	-
● Log Out	UCID	03
	Description	Allows User to Log out
	Primary Actor	User
	Secondary Actor	-
	Precoditions	User must be logged In
	Main Flow	1. User clicks on Log Out button
	Post Conditions	User is Logged Out
	Alternate Flow	-
● Manage Rides		
	UCID	12
	Description	Allow User to change Ride Info
	Primary Actor	User
	Secondary Actor	-
	Precoditions	User must be logged in and have registered rides
	Main Flow	1. User clicks on a Manage Rides button 2. IF User has registered Rides 3. All his Rides are displayed 4. User selects his Ride from list 5. Ride details and edit form is displayed to User 6. IF User selects Edit Info 6.1 Edit form is displayed to User 6.2 User changes information 6.3 User confirms

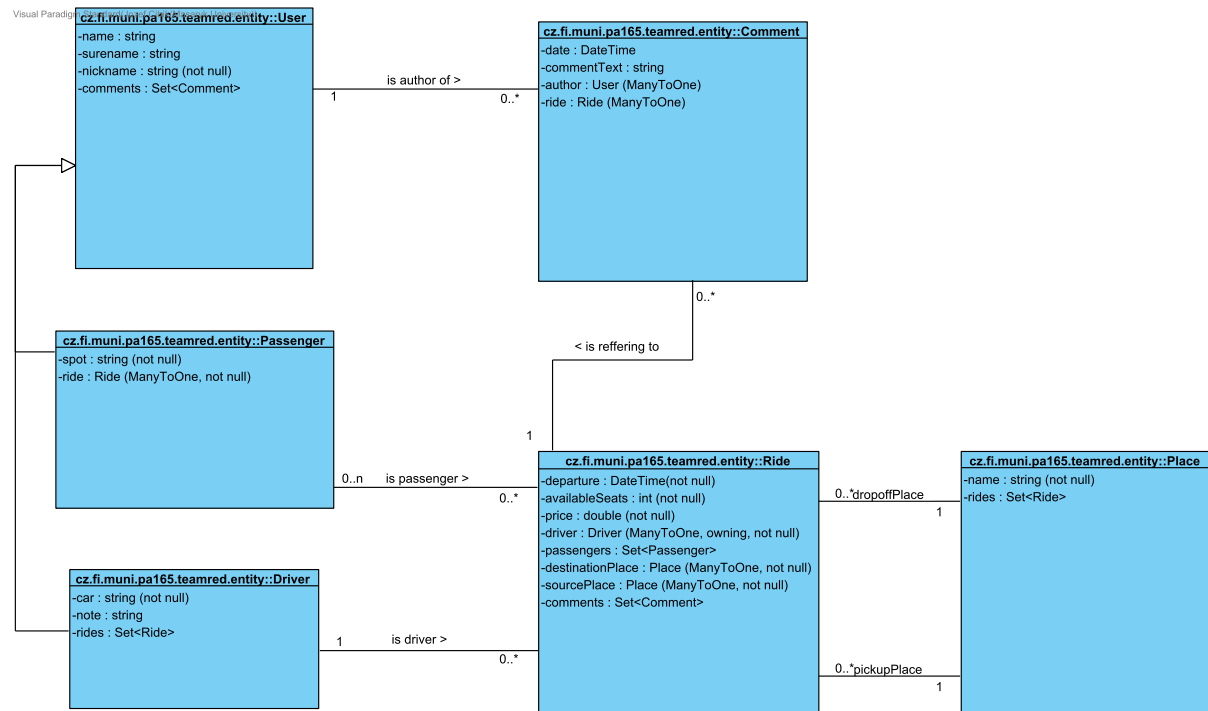
		7. IF User selects Remove Ride 7.1 Confirm window is displayed to a User 7.2 User confirms
	Post Conditions	User's rides info was changed or ride was removed
	Alternate Flow	User canceled operation, User left
● Search Ride		
	UCID	09
	Description	Allow User to find a ride
	Primary Actor	User
	Secondary Actor	-
	Precoditions	User must be logged in
	Main Flow	1. User click on a Search Ride button 2. All rides are displayed to a User 3. Filter functionality is displayed to a User 4. IF User filters the query 4.1 Results are displayed to User
	Post Conditions	User have listed rides
	Alternate Flow	User canceled, User left
● Register		
	UCID	01
	Description	Allow Guest to Register an Account
	Primary Actor	Guest
	Secondary Actor	-
	Precoditions	-
	Main Flow	1. Guest is on intro page 2. Guest clicks on Register an Account 3. Form is displayed to a Guest 4. Guest fills out mandatory information in a form 5. Guest confirms 6. Guest is logged in his Account as new User

	Post Conditions	Guest created his Account
	Alternate Flow	Guest canceled, User left
● Manage Account	UCID	06
	Description	Allow User edit Account information
	Primary Actor	User
	Secondary Actor	-
	Precoditions	User must be logged In
	Main Flow	1. User clicks on a Edit Profile button 2. User has displayed two possibilities Edit or Remove Account 3. IF User clicks on a Edit button 3.1 Edit form is displayed to User 3.2 User fills out the information 3.3 User Confirms 4. IF User clicks on a Remove button 4.1 Confirm window is displayed to a User 4.2 User confirms
	Post Conditions	User edited his account
	Alternate Flow	User canceled, User left
● Comment	UCID	07
	Description	Allow User to comment on a Driver
	Primary Actor	User
	Secondary Actor	-
	Precoditions	User must be logged in
	Main Flow	1. User click on a comment button 2. Comment form is displayed to User 3. User writes the comment 4. User confirms
	Post Conditions	User added comment on a Driver
	Alternate Flow	User canceled, User left

 Notify	UCID	08
	Description	Notifies the user that was comment meant for
	Primary Actor	User
	Secondary Actor	-
	Precoditions	User must comment on given User
	Main Flow	1. Automated message to a User
	Post Conditions	Notification was sent on Users's profile
	Alternate Flow	-
 Create Ride	UCID	11
	Description	Allow User to create ride
	Primary Actor	User
	Secondary Actor	-
	Precoditions	User must be logged in
	Main Flow	1. User clicks on a Create a Ride button 2. Form is displayed to User 3. User fills out mandatory input data 4. User confirms
	Post Conditions	User added own ride
	Alternate Flow	User canceled, User left
 Join Ride	UCID	10
	Description	Allow User to join a ride
	Primary Actor	User
	Secondary Actor	-
	Precoditions	User must be logged in
	Main Flow	1. User click on a Join Ride button on a specified Ride 2. User is registered to specified Ride
	Post Conditions	User have listed rides
	Alternate Flow	User canceled, User left

## Class Diagram

# Class Diagram1



## Summary

Name	Description
cz.fi.muni.pa165.teamred.entity::User	
cz.fi.muni.pa165.teamred.entity::Comment	
cz.fi.muni.pa165.teamred.entity::Passenger	
cz.fi.muni.pa165.teamred.entity::Ride	
cz.fi.muni.pa165.teamred.entity::Place	
cz.fi.muni.pa165.teamred.entity::Driver	

## Details

- cz.fi.muni.pa165.teamred.entity::User**
- cz.fi.muni.pa165.teamred.entity::Comment**
- cz.fi.muni.pa165.teamred.entity::Passenger**
- cz.fi.muni.pa165.teamred.entity::Ride**
- cz.fi.muni.pa165.teamred.entity::Place**
- cz.fi.muni.pa165.teamred.entity::Driver**