# PA165-BlaBlaCar

Jozef Cibík

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# **Stereotypes**

UseCase			
Tagged Value Definitions	Level		
	Backlog Activity Id	0	
	Туре	Enumeration	
	Enumeration Values	Summary, User, Subfunction	
	Complexity		
	Complexity  Realizer Activity Id		
	Backlog Activity Id Type	0 Enumeration	
	Enumeration Values	Low, Medium, High	
	Litumeration values	Low, Medium, Fiigh	
	Use Case Status		
	Backlog Activity Id	0	
	Туре	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	
	Туре	Multi-line Text	
	Post-conditions		
	Backlog Activity Id	0	
	Туре	Multi-line Text	
	Author		
	Backlog Activity Id	0	
	Type	Text	
	1 3 7 5	TOAL	
	Assumptions		
	Backlog Activity Id	0	
	Туре	Multi-line Text	

Case	CI	01
Case	Jι	OI V

Context

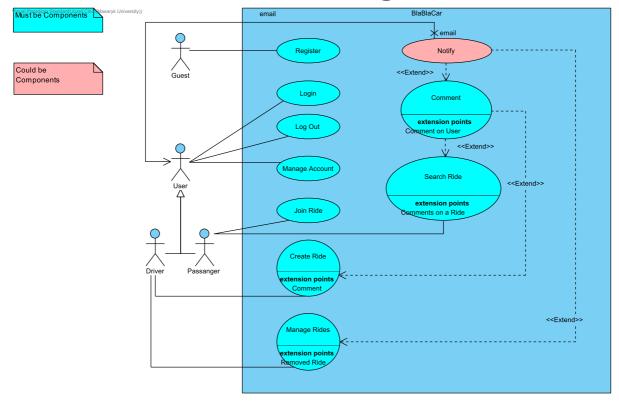
requirement		
Tagged Value Definitions	Text	
	Backlog Activity Id	0
	Туре	HTML
	ID	
	Backlog Activity Id	0
	Туре	Text
	source	
	Backlog Activity Id	0
	Type	Text
	Турс	Text
	kind	
	Backlog Activity Id	0
	Туре	Enumeration
	Enumeration Values	Functional, Performance, Interface
	verifyMethod	
		0
	Backlog Activity Id	
	Type Enumeration Values	Enumeration
	Enumeration values	Analysis, Demonstration, Inspection, Test
	risk	
	Backlog Activity Id	0
	Туре	Enumeration
	Enumeration Values	High, Medium, Low
	ototuo	
	Status Declar Activity Id	
	Backlog Activity Id	0
	Type	Enumeration
	Enumeration Values	Proposed, Approved, Rejected, Deferred, Implemented, Mandatory, Obsolete

#### Include

Extend

#### **Use Case Diagram**

# BlaBlaCar Use Case Diagram



## **Summary**

Name	Description	
웃 Driver		
웃 Guest		
र् User		
₹ Passanger		
Join Ride		
	UCID	10
	Description	Allow User to join a ride
	Primary Actor	User
	Seconary 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
N/A	Could be Components	

Must Compone	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
		<ol><li>User writes the comment</li></ol>
		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	-
	Precoditions	User must be logged In
	Main Flow	1. User clicks on a Edit Profile
	IVIAIIT I IOW	button
		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	-
	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
Search Ride		
	UCID	09
	UCID Description	09 Allow User to find a ride

Primary Actor Seconary Actor Precoditions  Main Flow  1. User must be logged in 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  UCID  12 Description Allow User to change Ride Informary Actor Seconary Actor Precoditions  User must be logged in and hare gistered rides Main Flow  1. User must be logged in and hare gistered rides 3. All his Rides are displayed 4. User selects his Ride from li 5. Ride details and edit form is displayed to User 6.1 F User changes information 6.3 User confirms			II ISAr
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Description Primary Actor Seconary Actor - Precoditions User must be logged in and haregistered 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 li 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		LICID	12
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Seconary Actor  Precoditions  User must be logged in and haregistered 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 li 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			
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 li 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			USEI
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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			
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6. IF User selects Edit Info 6.1 Edit form is displayed to User 6.2 User changes information			I
6.1 Edit form is displayed to User 6.2 User changes information			l · · ·
User 6.2 User changes information			I
6.3 User confirms			6.2 User changes information
			6.3 User confirms
7. IF User selects Remove Rid			7. IF User selects Remove Ride
7.1 Confirm window is displayed			7.1 Confirm window is displayed
to a User			
7.2 User confirms			7.2 User confirms
Post Conditions User's rides info was changed		Post Conditions	User's rides info was changed or
ride was removed			ride was removed
		Alternate Flow	User canceled operation, User
left			left
Log Out UCID 03	I and Out	UCID	03
Description Allows User to Log out	Log Out		
Primary Actor User	Log Out	Description	Allows User to Log out

i .	10	<del>1</del>
	Seconary 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
	Seconary 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**

- **Priver**
- **9** Guest
- <sup>₹</sup> 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
	Seconary Actor	-
	Precoditions	User must be logged out, User must have an Account
	Main Flow	User is on Intro Page as Guest
		2. User click on Log In
		button

	Post Conditions Alternate Flow	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 User Logged In
■ Log Out	UCID Description Primary Actor Seconary Actor Precoditions	03 Allows User to Log out User - User must be logged In
	Main Flow  Post Conditions  Alternate Flow	1. User clicks on Log Out button User is Logged Out
Manage Rides	UCID Description	12 Allow User to change Ride Info
	Primary Actor Seconary Actor Precoditions	User - 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

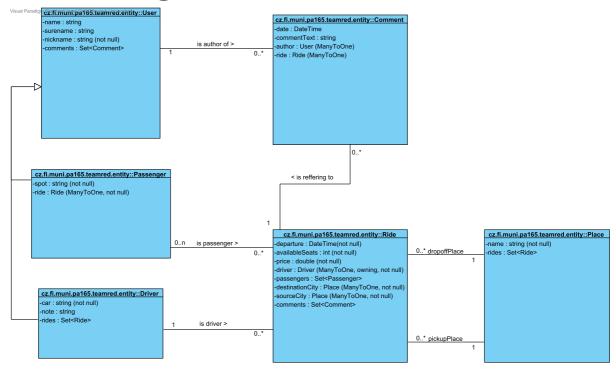
	Post Conditions  Alternate Flow	7. IF User selects Remove Ride 7.1 Confirm window is displayed to a User 7.2 User confirms User's rides info was changed or ride was removed User canceled operation, User left
Search Ride		
	LIOID	loo
	UCID	09
	Description	Allow User to find a ride
	Primary Actor	User
	Seconary Actor	-
	Precoditions	User must be logged in
	Main Flow  Post Conditions	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 User have listed rides
	Alternate Flow	
	Allemate Flow	User canceled, User left
Register	LICID	04
, and the second	UCID Description	01 Allow Guest to Register an Account
	Primary Actor	Guest
	Seconary 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
	Bescription	information
	Primary Actor	User
	Seconary Actor	-
	Precoditions	User must be logged In
	Main Flow	1. User clicks on a Edit
	IVIAIIT I IOW	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
	Besonption	Driver
	Primary Actor	User
	Seconary Actor	-
	Precoditions	User must be logged in
	Main Flow	1. User click on a comment
	IVIAIIT I IOW	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
	IL	12.22. 24.100.04, 0001 1010

Notify	UCID	08
- ,		1
	Description	Notifies the user that was
	Drive a mar A at a m	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	-
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
		<ol><li>User fills out mandatory</li></ol>
		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
	Seconary 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
		1 22, 222

#### **Class Diagram**

# **Class Diagram1**



### **Summary**

Name	Description
cz.fi.muni.pa165.teamred.entity::Us	er
cz.fi.muni.pa165.teamred.entity::Co	mment
cz.fi.muni.pa165.teamred.entity::Pa	ssenger
cz.fi.muni.pa165.teamred.entity::Ric	le
cz.fi.muni.pa165.teamred.entity::Pla	ce
cz.fi.muni.pa165.teamred.entity::Dri	ver

#### **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