Raccoony

Team Members:

- Bogdan TATU
- Raul SARBU

Raccoony is a game browsing application.

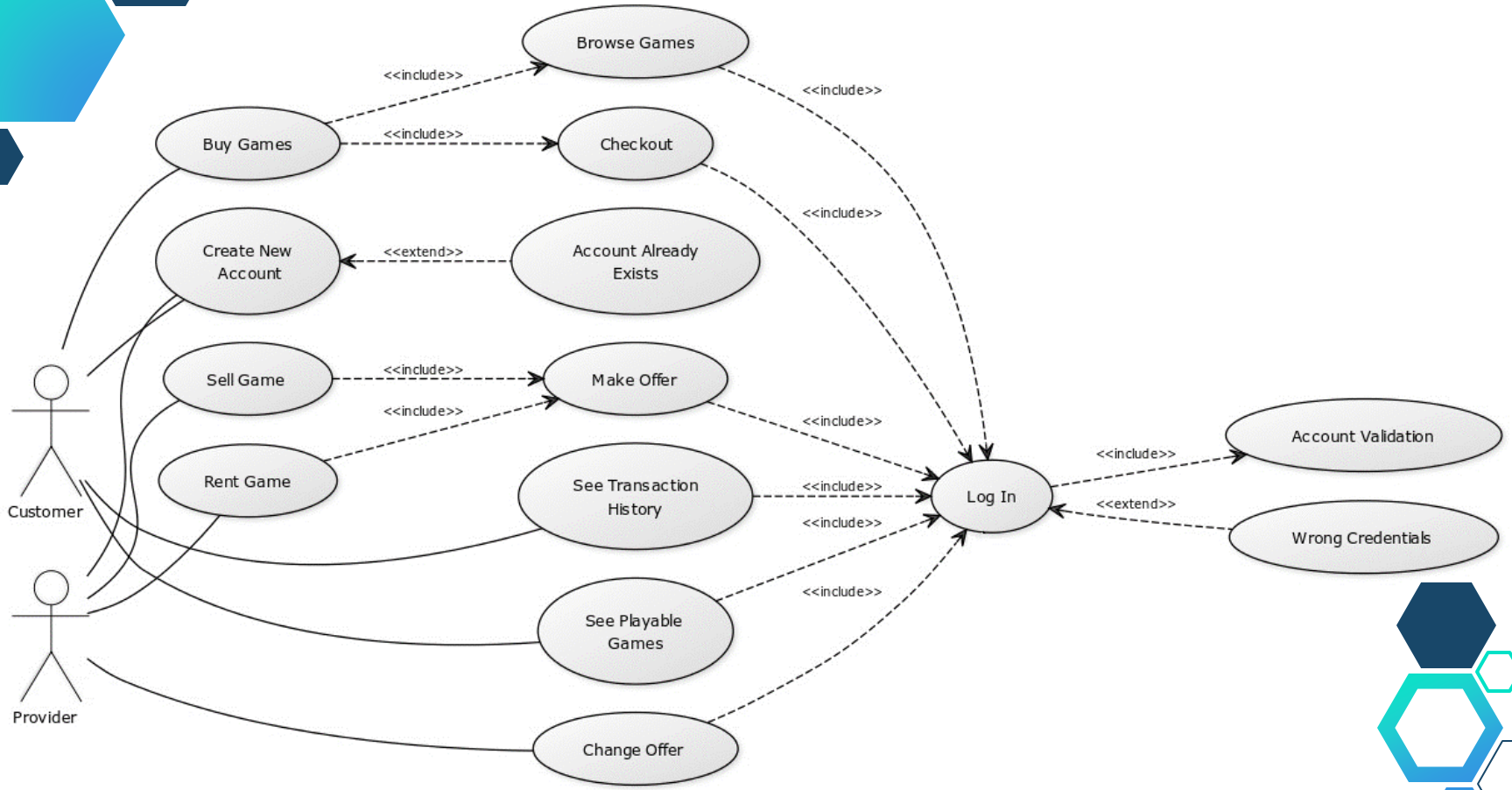
Why?

- Interesting concept
- Learning opportunity
- Teamwork experience
- Git/Jira real applications
- Improve Java proficiency

1

Project Overview

Let’s check our Use Case diagram.


Browse Games
Buy Games
Checkout
Create New Account
Account Already Exists
Sell Game
Make Offer
Rent Game
See Transaction History
See Playable Games
Change Offer
Log In
Account Validation
Wrong Credentials
Customer
Provider
<<include>>
<<extend>>

General work performed by team members

Raul

- General classes
- GUIs & overall theme
- Data management

Bogdan

- Account functionalities
- Databases
- Stage transitions

Stories overview

GRA-19	As a Provider, I want to be able to make an offer in order to rent/sell my games	Raul Sarbu	Raul Sarbu	↑	DONE	Done	06/Apr/21	17/May/21
GRA-17	As a Customer, I want to be able to browse products	Raul Sarbu	Raul Sarbu	↑	DONE	Done	06/Apr/21	19/May/21
GRA-12	As a User, I want to be able to create a new account	Bogdan Tatu	Raul Sarbu	↑	DONE	Done	06/Apr/21	17/May/21
GRA-9	As a User, I want to be able to log in using a username and password	Bogdan Tatu	Bogdan Tatu	↑	DONE	Done	01/Apr/21	17/May/21
GRA-8	As a Customer, I want to be able to see my transaction history	Raul Sarbu	Bogdan Tatu	↓	DONE	Done	01/Apr/21	19/May/21
GRA-6	As a Customer, I want to be able to buy/rent games offered by providers	Bogdan Tatu	Bogdan Tatu	↑	DONE	Done	01/Apr/21	19/May/21
GRA-4	As a Provider, I want to be able to change my offer I made on a game	Raul Sarbu	Raul Sarbu	↑	DONE	Done	01/Apr/21	17/May/21
GRA-3	As a Customer, I want to be able to see a menu of my playable games	Raul Sarbu	Bogdan Tatu	↑	DONE	Done	01/Apr/21	19/May/21
GRA-2	As a Provider, I want to be able to see a list of all games I provided	Raul Sarbu	Raul Sarbu	↓	DONE	Done	01/Apr/21	17/May/21

Bogdan TATU's stories

GRA-19	As a Provider, I want to be able to make an offer in order to rent/sell my games	Bogdan Tatu	Raul Sarbu	↑	DONE	Done	06/Apr/21	19/May/21
GRA-12	As a User, I want to be able to create a new account	Bogdan Tatu	Raul Sarbu	↑	DONE	Done	06/Apr/21	17/May/21
GRA-9	As a User, I want to be able to log in using a username and password	Bogdan Tatu	Bogdan Tatu	↑	DONE	Done	01/Apr/21	17/May/21
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Raul SARBU's stories

GRA-17	As a Customer, I want to be able to browse products	Raul Sarbu	Raul Sarbu	↑	DONE	Done	06/Apr/21	19/May/21
GRA-8	As a Customer, I want to be able to see my transaction history	Raul Sarbu	Bogdan Tatu	↓	DONE	Done	01/Apr/21	19/May/21
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GitHub

Teamwork

README.md

Raccoony

Raccoony is a game browsing application, designed for a university project.

Project Idea

Users can register and login as `Customers` or `Providers`.

`Providers` are able to publish and sell their games, while choosing between the options of selling or renting their game.

Renting a game allows a `Customer` to own that game only for a specific time period.

`Customers` can add money to their virtual wallet and buy or rent the games that `Providers` offered.

Authors

ThotuB

RaulQX

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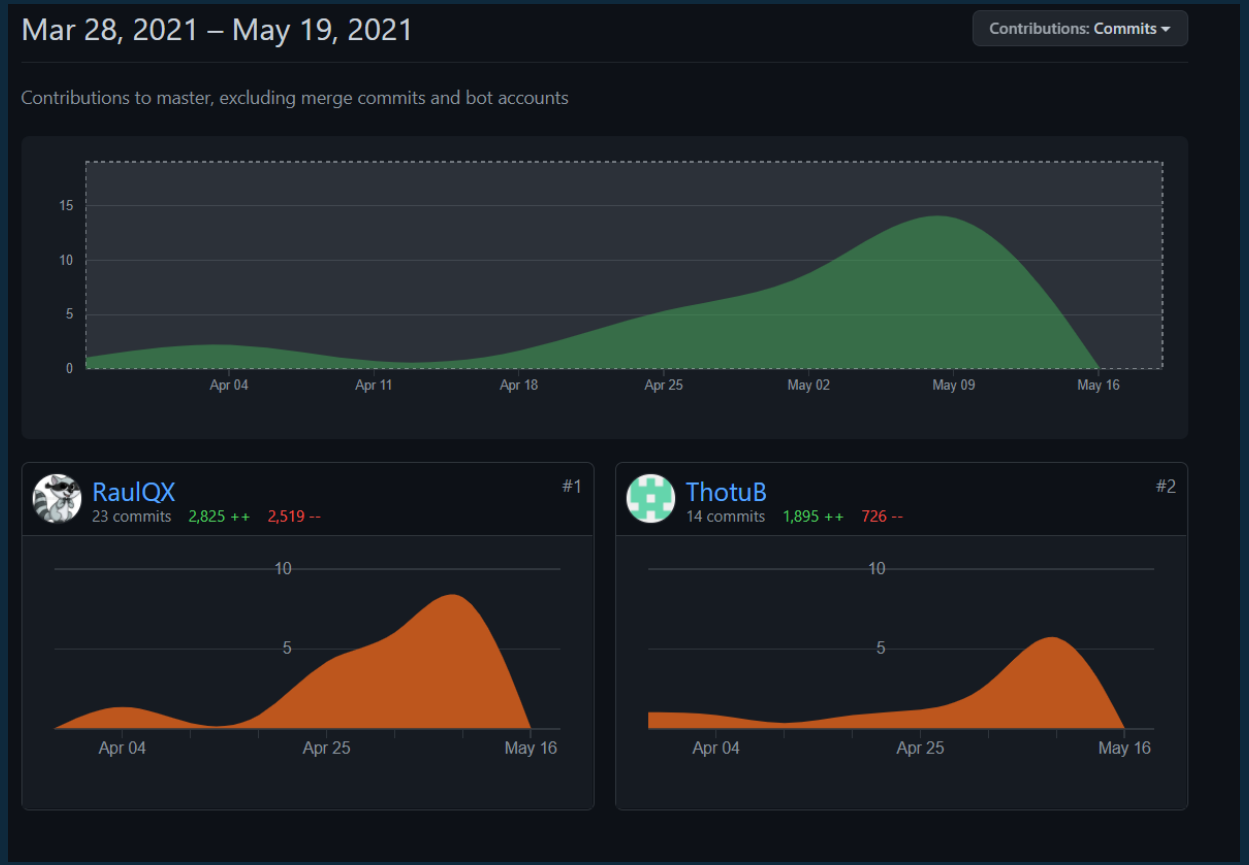
MIT

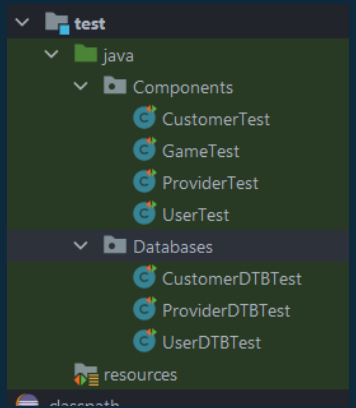
Contributions

Contributions



Testing Overview

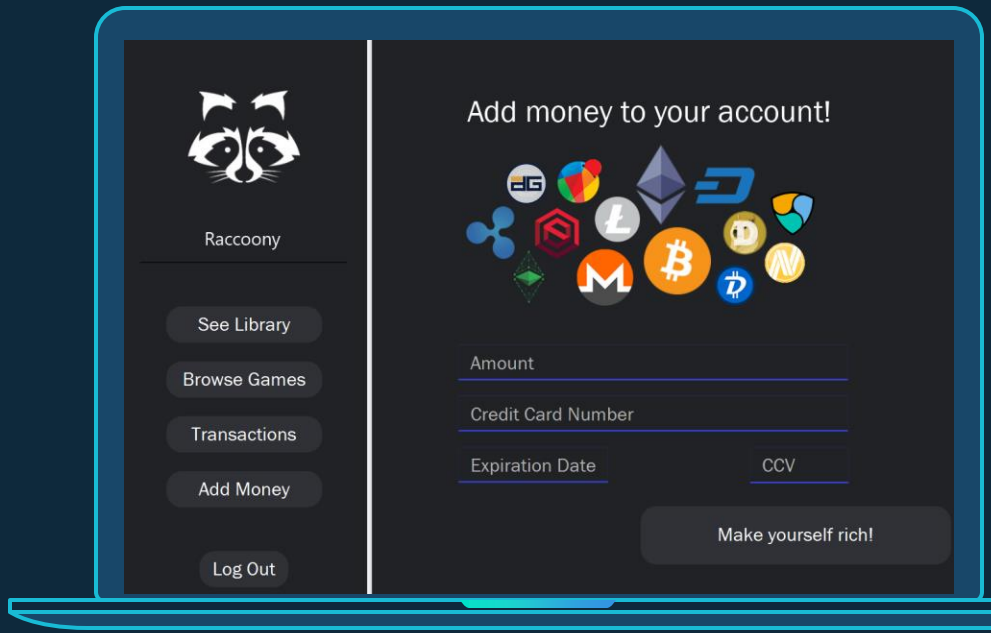
- Component testing
- Database testing
- Controller testing done separately




```
@Test
void validUsername() {
    assertTrue(UserDTB.validUsername(user1));
    assertTrue(UserDTB.validUsername(new User( username: "Tony Cox", email: "", password: "")));
    assertFalse(UserDTB.validUsername(new User( username: "Bonk", email: "", password: "")));
}

@Test
void validEmail() {
    assertTrue(UserDTB.validEmail(user1));
    assertTrue(UserDTB.validEmail(new User( username: "", email: "caramida@de.cox", password: "")));
    assertFalse(UserDTB.validEmail(new User( username: "", email: "Alabama", password: "")));
}

@Test
void validPassword() {
    assertTrue(UserDTB.validPassword(user1));
    assertTrue(UserDTB.validPassword(new User( username: "", email: "", password: "Af69x")));
    assertFalse(UserDTB.validPassword(new User( username: "", email: "", password: "qwerty")));
}

@Test
void existsUser() {
    assertFalse(userDTB.existsUser(user2));
}
```

```
@Test
void validGameName() {
    assertTrue(ProviderDTB.validGameName(game1.getName()));
    assertFalse(ProviderDTB.validGameName(""));
}

@Test
void validDoubleValueInput() {
    assertTrue(ProviderDTB.validDoubleValueInput( price: "" + game1.getPrice()));
    assertTrue(ProviderDTB.validDoubleValueInput( price: "65"));
    assertFalse(ProviderDTB.validDoubleValueInput( price: "5676jhgf"));
}

@Test
void validGameDates() {
    assertFalse(ProviderDTB.validGameDates(game1.getStartDate(), game1.getEndDate()));
}

@Test
void validDescription() {
    assertTrue(ProviderDTB.validDescription( game1.getDescription()) );
    assertFalse(ProviderDTB.validDescription( "Too short" ));
    assertTrue(ProviderDTB.validDescription( "Just long enough" ));
}

@Test
void validCreditCard() {
    assertTrue(ProviderDTB.validCreditCard("1111-2222-3333-4444"));
    assertFalse(ProviderDTB.validCreditCard("11c1-2222-3333-4444"));
    assertFalse(ProviderDTB.validCreditCard("324"));
}

@Test
void validExpirationDate() {
    assertTrue(ProviderDTB.validExpirationDate( expDate: "11/23"));
    assertFalse(ProviderDTB.validExpirationDate( expDate: "23/54"));
    assertTrue(ProviderDTB.validExpirationDate( expDate: "09/25"));
}
```

Sneak peak


Raccoony
See Library
Browse Games
Transactions
Add Money
Log Out
Add money to your account!
Amount
Credit Card Number
Expiration Date
CCV
Make yourself rich!

Thank you for your attention!

Any questions?