Casino

Thema: Project work Module 226a

Dokumentinformationen

Dateiname: CasinoDok

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Autoreninformationen

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Abbildungsverzeichnis

**Es konnten keine Einträge für ein Abbildungsverzeichnis gefunden werden.**

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Änderungsgeschichte

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Datum** | **Autor** | **Details** |
| 1.0 |  |  | Dokument erstellt |

Tabelle 1 Versionen

# Introduction

The following document describes my project work for Module 226a, how I proceeded, and what I accomplished. My project is a casino where you can easily play, it includes a slot machine, a roulette table, as well as a blackjack table.

# Plan

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 21.09 | 28.09 | 26.10 | 02.11 | Free time |
| Choose project |  |  |  |  |  |
| Create GitHub Repository |  |  |  |  |  |
| Plan the project |  |  |  |  |  |
| Make Use-Cases |  |  |  |  |  |
| Create a Class diagram |  |  |  |  |  |
| Coding |  |  |  |  |  |
| Implement Exception handling |  |  |  |  |  |
| Create a Sequence diagram |  |  |  |  |  |
| JUnit testing |  |  |  |  |  |
| Work on Documentation |  |  |  |  |  |

# Use Cases

## Roulette

First you can choose which bet you want to take either an “Inner Bet” or an “Outer Bet” or you can end the game.

Ein Bild, das Text enthält.

Automatisch generierte Beschreibung

### Inner Bet

If you choose to play an Inner Bet you can make an Straight Up Bet.

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Automatisch generierte Beschreibung

You can then just type in numbers which are checked, so you can not type in wrong inputs.

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Automatisch generierte Beschreibung

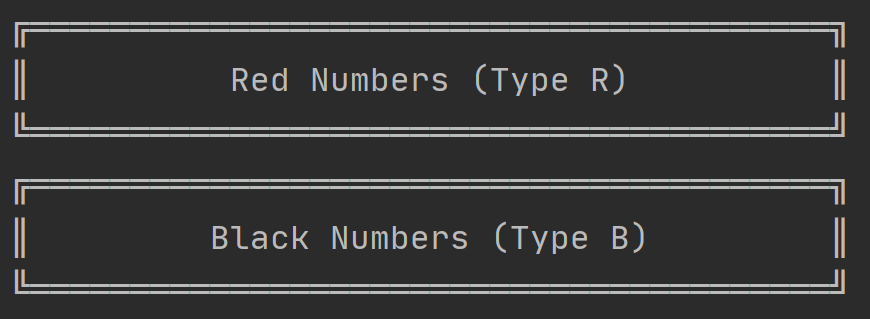
### Outer Bet

If you choose to make an outer bet you can choose between:

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Automatisch generierte Beschreibung

In this Case I will choose “Red / Black”



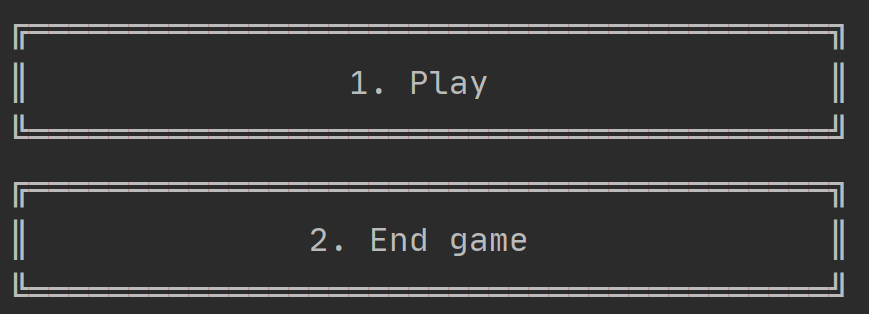
If I choose one of both, it will check which color the winning number has and then it prints out what the Color is and what the winning number is.

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Automatisch generierte Beschreibung

## Blackjack

If you choose to play blackjack you can either choose to start the game or end the game.



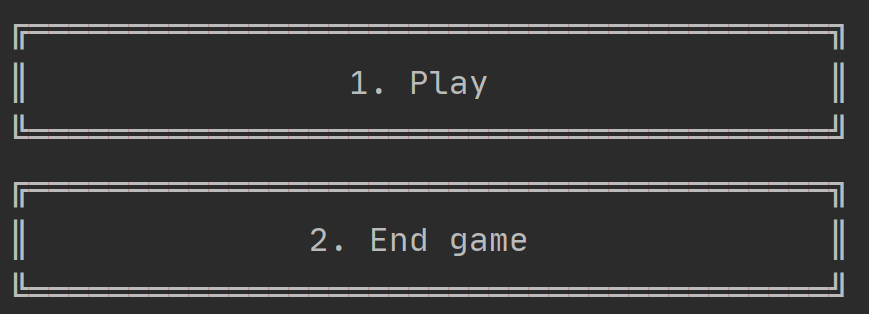
If you start the game you type in the amount you want to bet and then you have to decide if you want to draw a card or stop drawing if you stop it will compare your value with the value of the dealer.

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Automatisch generierte Beschreibung

## Slot machine

If you choose to play slots you can either choose to start the game or end the game.



If you decide to start the game you just have to type in the amount you want to bet and then it will start spinning at the end it will be checked if you won or not.

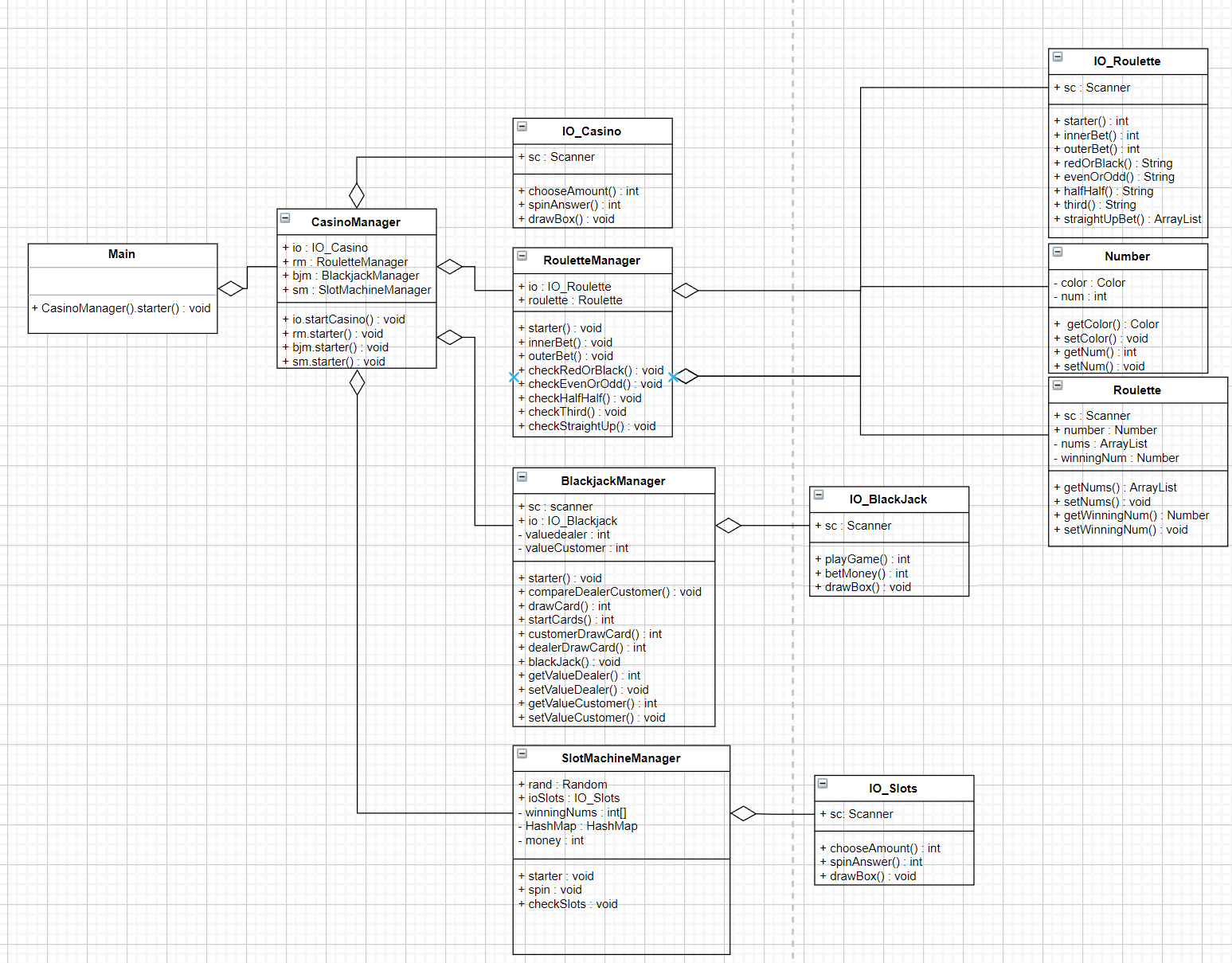
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Automatisch generierte Beschreibung

# Sequence Diagram

# Class diagram

My class diagram is based on the casino program it also implements if the relations between two classes are an aggregation or a composition.



# Test Cases

# Reflexion