

# Test Plan

Online Casino DjigitBet

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## Document Versioning

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# 1. General Information

The test plan for the DJIGIT-Bet application is contained in this document.

User-Stories are described in the sections below. They are written so that you, the user, may navigate the program and test each feature.

Start the project by downloading it from the git-lab repository.

Gitlab repository: <https://git.fhict.nl/l491971/individual-assignment.git>

# 2. Test frameworks and quality assurance

The program uses **Mockito** as its test framework, as was previously indicated in the Design Document.

So far, only the business logic and JWT generation have been tested.

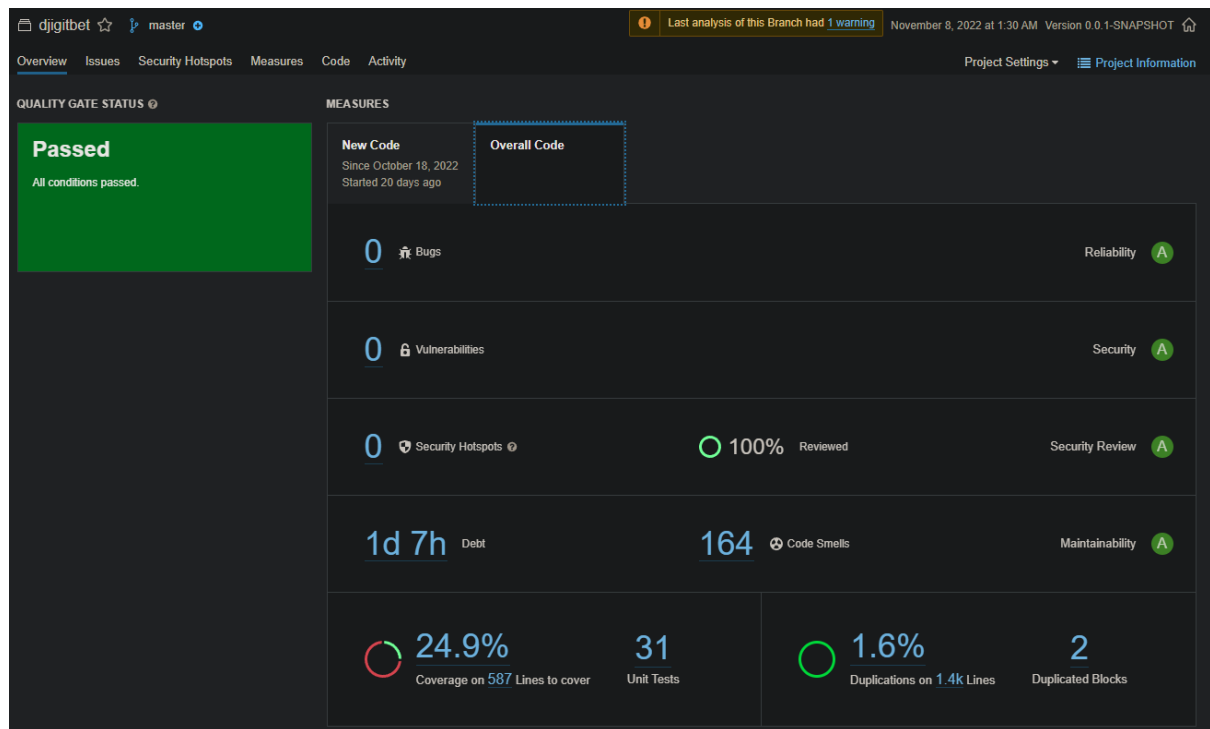
The total test coverage after mentioned tests is around 45%.

**SonarQube** application has been installed to the project.

## **Definition:**

*“SonarQube is an open-source platform developed by Sonar-Source for continuous inspection of code quality to perform automatic reviews with static*

analysis of code to detect bugs”



### 3. User stories

User story I

Title	Priority	Pass
Register	MUST	Yes
As a customer, I want to Register at the website. So that I can gamble.		
Acceptance Criteria		

**Given provided information,**  
**When the Register button, in the Registration component of the website, is pressed**

**The system:**

- Creates an account
- Redirects to the home page in case of success

**No/Insufficient information entered:**

- Error message displaying which data is field incorrectly

### *User story II*

Title	Priority	Pass
Log-In	MUST	Yes
<b>As a customer,</b> <b>I want to Log-In to the website</b> <b>So that I can gamble.</b>		
<b>Acceptance Criteria</b>		
<b>Given provided information,</b> <b>When the Log-In button, in the Login component of the website, is pressed</b> <b>The system, depending on the type of the account:</b> <ul style="list-style-type: none"> <li>• Logs in the user and redirects to the home page in case of success</li> </ul> <b>No/Insufficient information entered:</b> <ul style="list-style-type: none"> <li>• Display and error message</li> </ul>		

### *User story III*

Title	Priority	Pass
Profile update	MUST	Yes
<b>As a customer,</b> <b>I want to update my Account information,</b> <b>So that my information stays safe, secure, and up to date.</b>		

### Acceptance Criteria

**Given provided information,**  
**When the Update button, in the Profile component of the website, is pressed**  
**The system:**

- Updates the information in case of success

**Insufficient information entered:**

- Error message displaying which fields are incorrerct

### *User story IV*

Title	Priority	Pass
Account deletion	Should	Yes
<b>As a customer,</b> <b>I want to delete my account,</b> <b>Because I do not need the services of the online casino anymore.</b>		
Acceptance Criteria		
<b>When the Delete my Account button, in the Profile component of the website, is pressed</b> <b>The system:</b> <ul style="list-style-type: none"><li>• Deletes the account after a confirmation pop-up</li></ul>		

### *User story V*

Title	Priority	Pass
Add funds via a payment system	Could	Yes
<b>As a customer,</b> <b>I want to add funds to my Account</b> <b>So that I can gamble them on the slot-machine.</b>		

### Acceptance Criteria

When the Amount is specified and confirmed by a button, in the Funds component the system redirects to a payment provider and confirms the transaction

The transaction failed:

- Funds are not added to the account

### User story VI

Title	Priority	Pass
Adding the course to the cart	MUST	Yes
As a customer, I want to try my luck on the slot-machine		
Acceptance Criteria		
When the spin button is pressed on the slots component of the website:  The algorithm decides on giving a prize to the customer, <ul style="list-style-type: none"><li>• The amount betted by the user is substracted from thair account</li><li>• If a prize is won the funds will be added to the customer`s account</li></ul>		

### User story VII

Title	Priority	Pass
Modify User Account	MUST	Yes
As an Administrator, I want to Update Delete and Review all aspects of a user`s account with a usefull search engine		



### Acceptance Criteria

**When text is entered in the search box of the User\_Management Component, the system:**

- Refines the presented data according to the search criteria

**When the Edit button next to a user account is pressed in the User-Management Component, the system:**

- presents the user with a form in which he can modify the information and confirm it

**When the Delete button next to a user account is pressed in the User-Management Component, the system:**

- the user can confirm the deletion of the account

### *User story VIII*

Title		Priority	Pass
Statistics view		MUST	Yes
As an Administrator, I want to view statistics on profit and winCoefficient by user bases, an overall win rate of the slot machine			
Acceptance Criteria			
The system presents the required statistic data with filter options in the Statistics component of the website			