**Sports predictions web & desktop application**

*Test report*

Author: Mario Petkov

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Introduction

The following test report provides an overview of the testing activities conducted for the project/application under evaluation. The purpose of this report is to summarize the test plan, document the test cases executed, and present the corresponding results. The testing process aimed to ensure that the system meets the specified functional and non-functional requirements, identifies any deviations or issues, and assesses the overall quality and reliability of the application.

Test cases

| Test Case | Test Data | Name | FR Number | Pre-condition | Expected Result | Output (True/False) |
| --- | --- | --- | --- | --- | --- | --- |
| TC-01 | User enters valid credentials | User logs in | FR1 | User is on the login page | User is successfully logged in | True |
| TC-02 | User enters invalid credentials | User logs in | FR1 | User is on the login page | User receives an error message | True |
| TC-03 | User enters empty username and password | User logs in | FR1 | User is on the login page | User receives an error message | True |
| TC-04 | User enters valid username and password | User registers | FR2 | User is on the registration page | User is successfully registered | True |
| TC-05 | User enters empty fields in the registration form | User registers | FR2 | User is on the registration page | User receives an error message | True |
| TC-06 | User enters duplicate username in the registration form | User registers | FR2 | User is on the registration page | User receives an error message | True |
| TC-07 | User enters valid credentials in the registration form | User registers | FR2 | User is on the registration page | User is successfully registered | True |
| TC-08 | User enters empty prediction | User creates prediction | FR3 | User is logged in and on the start page | User receives an error message | True |
| TC-09 | User enters valid prediction | User creates prediction | FR3 | User is logged in and on the start page | User successfully creates a prediction | True |
| TC-10 | User navigates to the competitions page | User views competitions | FR4 | User is logged in and on the start page | User is successfully navigated to the competitions page | True |
| TC-11 | User navigates to the predictions page | User views predictions | FR5 | User is logged in and on the start page | User is successfully navigated to the predictions page | True |
| TC-12 | User filters predictions by competition | User filters predictions | FR6 | User is on the predictions page | User views predictions filtered by the selected competition | True |
| TC-13 | User filters predictions by date | User filters predictions | FR6 | User is on the predictions page | User views predictions filtered by the selected date | True |
| TC-14 | User searches for a specific prediction | User searches predictions | FR7 | User is on the predictions page | User views predictions matching the search query | True |
| TC-15 | User views their visited predictions for the day | User views visited predictions | FR9 | User is logged in and on the start page | User successfully views their visited predictions | True |
| TC-16 | N/A | User sees day checked | FR9 | User is logged in and on the start page | User receives a message of no visited predictions | True |
| TC-17 | N/A | User sees day checked | FR9 | User is logged in and on the start page | User receives a message of processing visited predictions | True |
| TC-18 | User selects a prediction from the list | User selects prediction | FR10 | User is on the predictions page | User is navigated to the prediction details page | True |
| TC-19 | User submits a comment on a prediction | User submits comment | FR11 | User is on the prediction details page | User successfully submits a comment | True |
| TC-20 | User receives notification for a new comment | User receives notification | FR12 | User is logged in and on the start page | User receives a notification for a new comment | True |
| TC-21 | User updates their account information | User updates profile | FR13 | User is on the profile page | User successfully updates their account information | True |
| TC-22 | User updates their account password | User updates profile | FR13 | User is on the profile page | User successfully updates their account password | True |
| TC-23 | User updates their account payment method | User updates profile | FR13 | User is on the profile page | User successfully updates their account payment method | True |
| TC-24 | Admin logs in with valid credentials | Admin logs in | FR14 | Admin is on the login page | Admin is successfully logged in | True |
| TC-25 | Admin logs in with invalid credentials | Admin logs in | FR14 | Admin is on the login page | Admin receives an error message | True |
| TC-26 | Admin logs in with empty username and password | Admin logs in | FR14 | Admin is on the login page | Admin receives an error message | True |
| TC-27 | Admin navigates to the user control tab | Admin navigates | FR15 | Admin is logged in | Admin successfully accesses the user control tab | True |
| TC-28 | Admin searches for a specific user/tipster | Admin searches users | FR15 | Admin is on the user control tab | Admin views users matching the search query | True |
| TC-29 | Admin views all users/tipsters | Admin views all users | FR15 | Admin is on the user control tab | Admin views all users/tipsters | True |
| TC-30 | Admin views user/tipster details | Admin views user details | FR15 | Admin is on the user control tab | Admin views the details of the selected user/tipster | True |
| TC-31 | Admin updates user/tipster details | Admin updates user details | FR15 | Admin is on the user control tab | Admin successfully updates the details of the selected user/tipster | True |
| TC-32 | Admin receives a message of empty field/s | Admin suspends | FR15 | Admin is logged in | Admin successfully accesses the admin panel | True |
| TC-33 | User/Tipster: JohnDoe | Admin suspends | FR15 | Admin is on the people control tab | Admin successfully suspends the user/tipster | True |
| TC-34 | N/A | Admin suspends | FR15 | Admin is on the people control tab | Admin receives a message of no selected person | True |

Non-functional requirements test cases

| Test Case | Test Data | Name | NFR Number | Pre-condition | Expected Result | Output (True/False) |
| --- | --- | --- | --- | --- | --- | --- |
| TC-35 | User performs multiple concurrent logins | Concurrent logins | NFR1 | User is logged in | System allows multiple concurrent logins | True |
| TC-36 | User performs actions after a period of inactivity | Inactivity timeout | NFR2 | User is logged in | User is prompted to re-authenticate | True |
| TC-37 | System handles a large number of simultaneous requests | Simultaneous requests | NFR3 | System is under heavy load | System handles the requests without performance issues | True |
| TC-38 | User data is securely stored and encrypted | Data encryption | NFR4 | User data is being stored | User data is securely stored and encrypted | True |
| TC-39 | User receives timely notifications | Timely notifications | NFR5 | User is logged in | User receives notifications in a timely manner | True |
| TC-40 | System provides responsive user interface | Responsive UI | NFR6 | User is accessing the system | System provides a responsive user interface | True |
| TC-41 | System supports multiple languages | Multilingual support | NFR7 | User is accessing the system | System displays content in the selected language | True |