Test plan for TUTA Exam practice exercise

**Purpose**

The purpose of this document is to define the features that will be tested and will not be tested, approach, environmental needs, schedule, acceptance criteria and roles and responsibility. This will act as a guide to confirm that the acceptance tests will ensure that the system is ready for use and meets the expectations.

**Features to be tested**

1. Registration
2. Log in functionality
3. Result predictions functionality

**Features not to be tested**

1. Settings functionality
2. Performance testing
3. Statistics functionality
4. Help functionality
5. Any other functionality that is not defined in the ‘Features to be tested’ section.

**Approach**

Test types that will be used:

1. Acceptance testing
2. Usability testing

**Environment**

The testing will be performed on the following device:

***Device:*** *PC: Asus R540R Windows 10 64bit, x64-based processor i3-5005U, 4GB RAM*

Using Opera browser Version 60.0.3255.109

**Schedule**

Start of the testing: 05-30-2019

End of the testing: 05-30-2019

**Acceptance criteria**

Registracija:

1. Slaptažodis turi būti ne trumpesnis nei 6 simboliai
2. Negalima registruotis egzistuojančiu vartotojo vardu
3. Tas pats email gali panaudotas keliems vartotojams
4. Registracijai pavykus vartotojas automatiškai nukreipiamas į pagrindinį puslapį

Prisijungimas:

1. Įvedus klaidingus prisijungimo duomenis prisijungimas turi būti neleidžiamas
2. Įvedus teisingus prisijungimo duomenis turi atsidaryti pagrindinis puslapis bei vartotojo meniu

Rezultatų prognozavimas:

1. Meniu dalis Spėjimai->Rezultatai yra matoma ir aktyvi
2. Galima įvesti rungtynių prognozes, galimos teigiamos ir neigiamos reikšmės
3. Įvedus spėjimą rodomas patvirtinimas
4. Įvesti galima tik skaičius
5. Įvesta prognozė matoma pagrindiniame lange, prie pirmojo turo rungtynių informacijos
6. Prognozės lange matomas tik dar neprasidėjusių rungtynių sąrašas

Admin:

1. Meniu punktas Admin yra matomas ir aktyvus
2. Patekus į Admin dalį iš karto atidaromas langas su rungtynių sąrašu
3. Atlikus rungtynių pakeitimus (laiko, rezultato) jie išsisaugo teisingai
4. Grįžimo nuoroda į vartotojo dalį (Main) yra matoma ir aktyvi

Taškų skaičiavimas:

1. Admin dalyje įvestas rungtynių rezultatas matomas prie 1 turo varžybų
2. Taškų skiltyje matomi suskaičiuoti už prognozę gauti taškai
3. Taškų lentelėje matomi visų dalyvių taškai

**Roles and responsibilities**

Tester: Neringa (Responsible for testing)

Product Owner: Tomas (Responsible for providing information)

**Exercise 5.** It’s not a big project, not a lot of users are logging in daily. I would not automate testing considering the defined acceptance criteria. Manual testing in my opinion would be better for this type of project. It would be much quicker to perform it. Please note that it is not recommended to automate tests before the project is not tested manually.

**Exercise 6.** If there would be a requirement for automated testing and there would be a need to automate the tests, from my written test cases I would select the registration section to verify that the user is able to register with the same email address. Also, from registration to verify that the user is not able to register with an already used Username.

Scenario: User should be able to register with an already used email address

Given I am not logged in

And I am on the page

When I register with an email address that was used before

Then I should be registered

And I should be logged in

And I should be able to see the main menu

Scenario: The users with the same Username cannot register

Given I am not logged in

When I try to register with an already used Username

Then I should see an error message explaining that the Username already exists

And I should be asked to choose another Username

Short test summary:

# Test Summary

**The features that were tested: Registracija, Prisijungimas**

**Project Name**: *Sportsbet, TUTA Exam*

# Test Type

Acceptance testing, Usability testing

**Test Owner**: *Neringa Maciulyte*

**Test Date**: *[05/30/2019] -[05/30/2019]*

# Test Results

**Test Results**: *There were 6 tests conducted all from Registration section and 2 from Prisijungimas section (please see the test cases) at the beginning of the exam. All are pass.*

**There was not enough time to test the** Result predictions functionality.

# SuggEstED aCTIONS

Estimation should be reviewed to ensure that the testing is fully covered.