SDET Technical Test

Frontend

Introduction

As a preparation for the interview with one of our Test Leads, we would like to ask you to write a sample test framework. This should be detailed enough to allow us to get an idea of your skills. There are no limits as the amount of time you spend or the amount of information you write, but try to keep things simple.

Once you've finished the application, please push your code to any VCS and send the results to your recruitment agent.

Test scenario

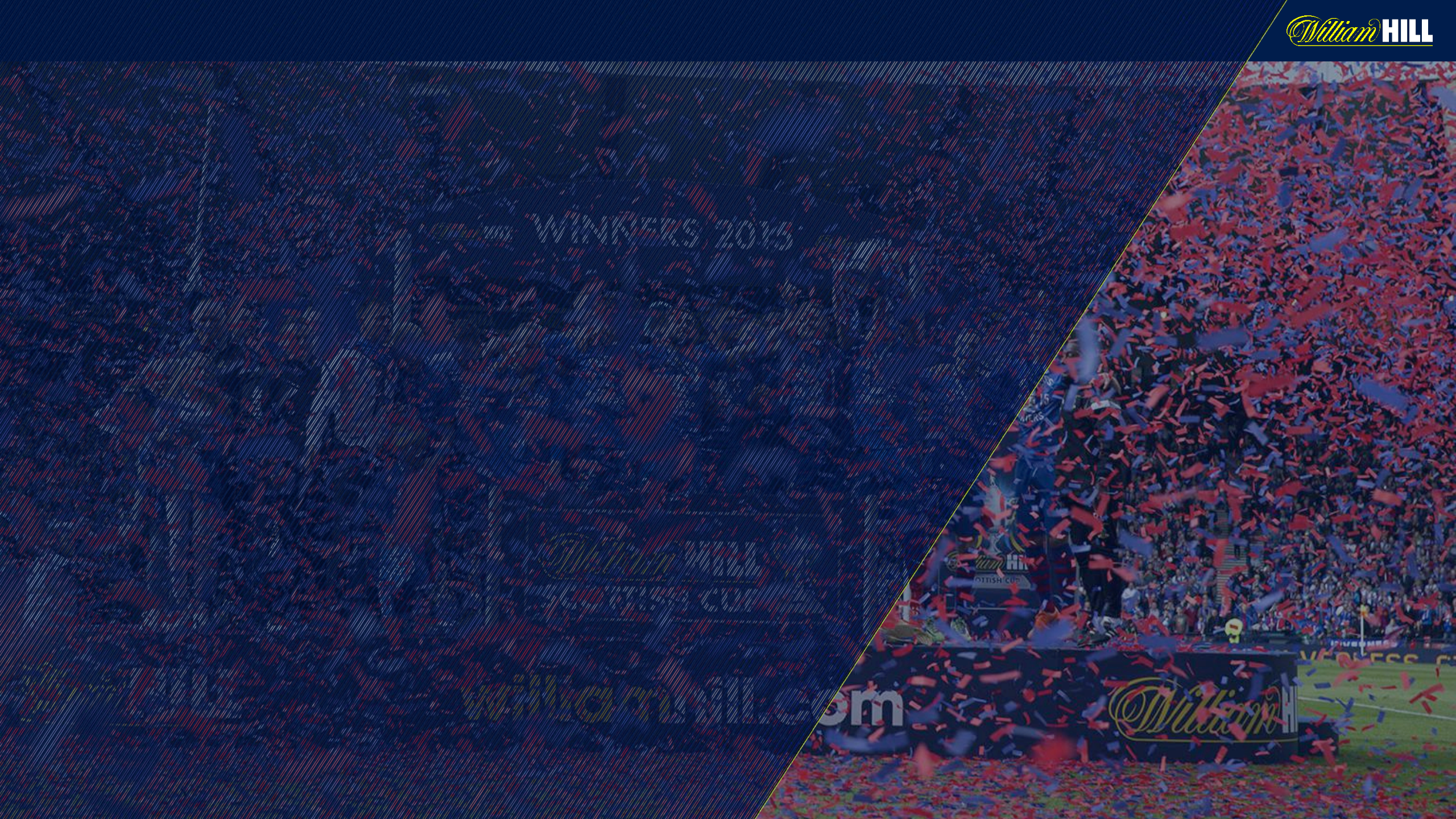
Your team is about to deliver a new feature that might impact the whole sportsbook site. We require a suite of tests to ensure no issues are introduced.

You are asked to develop a test framework to validate the following user journey. To do that, we would like to see your oriented object skills. Create a **Cucumber JVM** project making use of the **Page Object Design Pattern.** Make sure the project follows best coding practices. Think about reusability, scalability and maintainability. Generate a test **report** of the test results and use **comments** to explain the code and the decisions you made. Finally, ensure your test can run both on desktop and emulate a mobile device (chrome driver)

Feel free to add any additional dependency like assertion libraries, dependency injection, or browser management that might improve your test framework.

Test scenario

1. Navigate to sports.williamhill.com/sr-admin-set-white-list-cookie.html
2. Login the user **WHATA_FOG2** with password **F0gUaTtest**
3. Navigate to any **football** event.
4. Add the first active selection to the betslip.
5. Place a 0,05 £ bet and assert the following:
    - “To return:” value on the bet receipt
    - “Total stake:” value on the bet receipt
    - User balance is updated (amount displays 0,05 £ less)
6. Parameterise the betslip stake so any monetary value can be entered.
7. Parameterise the sport and make use of an examples table so the scenario is also valid for **tennis**.


WINNERS 2015
William HILL