**Gambling Website: Registration Form**

**Document Detail:**

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| --- | --- |
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| Author: | Dipika Kumari |
| Reviewers: | Test Lead |

**Change Control:**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Author | Description |
| 31/08/2022 | V0.12 | Dipika | Details on first page of registration form |
| 01/09/2022 | V0.13 | Dipika | Details on second page of registration form |
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# Scope & Overview:

In this project, we are going to test ‘Registration Form’ for Gambling website – BetVictor Online Casino.

With the help of Registration Form, we are onboarding or registering new users by performing significant validation of customers and storing important parameters in the system, which will be inputted by users.

For any gambling sites, Registration forms are mandatory as it ensures that players are aligned with minimum age requirement and to avoid any money laundering and fraud on later stages. It will benefit the client/stakeholder to maintain the record of all the users who are playing the game and will help them to avoid duplication as it will use valid id as a identifier. Also it will have the accounts details that would be unique, so at any point of time client can check how many users are registered so far , that would give them a big picture of business.

This document can be used by Test Manager, Test Lead, Testing team and various other teams who are involved in the development of project.

**Testing Activities and High-Level Schedule:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TASKS | AUG 22 | SEP 22 | OCT 22 | NOV 22 |
| Business requirement document (BRD) , Architectural solution design Flow, Functional requirement & user stories sign-off, Solution design (HLD) | 10/08/2022 to 31/08/200 |  |  |  |
| Analysis & Design, Development & Unit testing, End to End execution, Regression | 01/09/2022 | 10/10/2022 |  |  |
| Analysis Design, SIT Testing E |  | 05/09/2022 | 20/10/2022 |  |
| Development, Unit testing, SIT testing, Execution, API testing |  | 09/09/2022 | 25/10/2022 |  |
| SIT Testing Artifacts delivery & UAT testing & Delivery |  |  | 22/10/2022 | 12/11/2022 |

# Test Approach:

* Process of testing: Once we have the BRD, FRD and User stories sign-off from product owner, the testing process will start. After the requirement analysis, planning and design, Development and testing will go simultaneously. Scrum team will do the SIT and UAT testing one after other.
* Testing levels: In this project, mostly we are following 4 levels of testing and below types of testing:
* *Unit testing,*
* *Integration testing,*
* *System testing, and*
* *Acceptance testing.*
* *Sanity testing*
* *Regression testing*
* *UI testing & Database testing*
* *Exploratory testing*
* Roles and responsibilities: As this are agile project we will have below roles involved in the testing and their responsibilities are mentioned respectively:

*Product owner:*

* Developing and explicitly communicating the Product Goal.
* Creating and clearly communicating Product Backlog items.
* Ensuring that the Product Backlog is transparent, visible, and understood.

### *Scrum Master:*1team member will act as scrum master, and he/she will be responsible for below tasks:

### Coach team members, Host daily stand-up meetings, Assist the product owner with the product backlog, remove roadblocks, Teach Scrum practices and principles etc.

*Development team:* Normally the team size is 5-7. Team will develop the registration form in iterative way and test it parallelly. Will attend the daily scrum meetings and discuss the progress and blockers with scrum master. They are cross functional, so team will help each other in case of issue. Will perform test execution during sprint, raise the bugs, have calls with development team and putting the evidence and delivering the test artifacts to stakeholders/clients.

Testing Approach: All testing tasks will be conducted in line with the Software Test Life Cycle (STLC) and in support of the Software Development Life Cycle (SDLC). The documents used within the SDLC will be completed both by the Test Team and the project participants that are responsible for providing information and deliverables to the Test Team.

* **This project will follow one of the Agile methodologies which is “SCRUM”. Incremental and iterative approach will be followed, where the main idea will be to find the bugs as early as possible. In each level of testing (mentioned above: unit, integration, SIT, UAT) it will help the team to find the bugs at every level.**

During execution we will be doing various activities like adding new defects, defect triage, defect assignments, re-testing, regression testing and finally test sign-off.

**SCRUM:**

**A picture containing timeline

Description automatically generated**

**For Defect Management**: JIRA will be used by team for tracking test cases. Team will log the new defects their and throughout defect life cycle it will be maintained in JIRA only.

In Confluence we have created test artifacts folder which will also contains the details about, process of raising the defect and respective development Rota person and daily defect triage calls updates. Also testing evidences , Test Strategy , Test Plan , Sign-off documents can be found in confluence in below link:

https:// Project/Gambling/Registration/Docs/

# Test Environment

Functional Testing will be performed using the SAT environment. SAT environment will be ready after the approval of test plan. Environment team will support on this.

UAT testing will be done on higer environment.

The following detail the environmental and infrastructure needs required for the testing of Registration form for Test Items and execution of Regression Testing.

**Hardware.**

* Integration Environment:
* Test-A: http://.....
* Test-B: http://....
* Pre-live Staging:

**Software Links:**

* JIRA: http://...
* Confluence: http://
* GUI link: <https://www.betvictor.com/en-gb/account/new>

**Infrastructure**

* Network connections are available on all Test Systems as required.

Test Data will be creted by using use production data by masking fields for privacy and they will restored weekly in defined databases by help of database teams. Also team can reach to development team for test data from production.

# Testing Tools:

### Test Cases will be in JIRA

### Defects will be raised in JIRA

* Testing evidences will be in Confluence
* Zypher will be used to upload the test cases in JIRA
* RTM will be tracked in Excel & Confluence both.

# Release Control:

### We will receive the builds, by-build manager on below dates. Build will be given in each sprint till the project closure.

For example: Below are some timelines with their version and specific user stories:

|  |  |  |  |
| --- | --- | --- | --- |
| Build | Version | Date | Functionality implemented |
| 12.01.00.01 | V0.1 | 01/09/2022 | Username & password buttons designed |
| 12.01.00.01 | V0.2 | 08/09/2022 | Other buttons and text box |
| 12.01.00.01 | V0.2 | 015/09/2022 | Address & Payment section handled |

Build management document will be kept in Confluence by build team along with below information:

From where we can get the new build, where it should be deployed go and no signal for production release.

# Risk Analysis:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Risk** | **Mitigation Strategy** | **Impact** |
| 1 | Delays in delivering completed Test Items from Development would impact test timescales and final Release quality | Product Management and Development to advise of any delays and adjust Release Scope of Resources to allow the test activities to be performed. | High |
| 2 | Delays in the turnaround time for fixing critical bugs, which would require re-testing, could have an impact on the project dates. | Strong management of bug resolution would be required from Development to ensure bugs are fixed and available for re-testing in the scheduled time. | High |
| 3 | Delay in on time development of user stories and requirement is not clear to team | Proper communication of delivery timelines within the scrum team and understanding of user stories should be clear | Medium |
| 4 | Features of Test Items will not be testable. | The Test Team will record untested features and request the PM to assess business risk in support of the release of untested features. | Low |
| 5 | Dependency on other teams such as environment team, database team and communication gap | Communication should be followed dedicatedly and if there is any gap , escalation poc should be there to help. | Low |

# Reviews and Approvals:

**Reviewers:**

|  |  |
| --- | --- |
| ROLE | NAME |
| IT HEAD | abc |
| IT PM | Jkn |
| Global Product Owner | Gjhhkjn |
| Scrum Master | Jiujkk |
| Business Analyst | bilkmlkj |

**Approvers:**

|  |  |  |  |
| --- | --- | --- | --- |
| ROLE | NAME | Sign -Off Received | Date |
| IT HEAD | abc | Mail attached [Registration Features.txt](Registration%20Features.txt) | 30/08/2022 |
| IT PM | Jkn | YES | 30/08/2022 |
| Global Product Owner | Gjhhkjn | YES | 31/08/2022 |