**ABC Bank**

**Test Design Document**

**Revision History**

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| --- | --- | --- | --- |
| Date | Version | Author | Description |
| 18/05/2022 | 1 | Govinda | New Project document |
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# Scope

As ABC Bank is not satisfied with the User Experience and Website page layouts, Scope of testing will be around the pages redeveloped and the user experience. Also, we need to do some testing around the Laugauages and application performance

So, Testing in Scope:

* **UI/UX Testing**
* **Localization Testing**
* **Performance Testing**

For the Website Pages involved in providing retail banking, private banking, investment banking, insurance, leasing, loan, and card related services

# Test Approach

**Testing Process**

**Dev 🡪Branch🡪Master🡪Release🡪Production**

**Testing levels**

* UAT
* Regression
* Automation
* Performance

**Roles and responsibilities of each team member**

**Types of Testing:**

* UI/UX testing Manually
* Localization Testing – (for English and Arabic)

**Testing approach & automation tool if applicable**

Manual and Automation & Performance testing and adding new defects, re-testing, Defect triage, Regression Testing and test sign off

**UI Testing checkpoints**

1. Type and font size
2. Colors
3. Icon styles
4. Visual inconsistencies
5. Required fields
6. Data type errors
7. The width of the fields
8. On-screen instructions
9. Progress indicators
10. Confirmation of action (save, change, delete)
11. Drop-down lists
12. Error messages
13. Shortcuts

**User experience checking points**

Here are the things you must pay attention to when performing UX tests:

1. navigation through the website (or application) must be easy
2. the user must have access to information about the product
3. the order placement process must be effortless
4. the performance of the site (or app) must meet user requirements.
5. Navigation – throughout the site, as well as through the sub-modules including several pages (for example, Blog)
6. Header
7. Footer
8. Buttons and Calls to actions – sizes, colors, and clickability
9. Links – colors, clickability and redirects
10. Carousels
11. Content (formatting).
12. Forms – size, content, friendliness, and understandability
13. Messages (informative, about errors) – colors, understandability, and compliance.
14. Additional elements – such as Back to top button, Help, Calendly.
15. Mobile version (if any) – view in landscape/portrait mode.

# Test Environment

* **D** Environment – for Development of Websites and debugging
* **Q1** Environment – for testing on local branch developed
* **Q2** Environment – for testing on Master branch where code is merged
* **R** Environment -for testing on the release branch

# Testing Tools

* Wazir
* Sahi
* Sikuli
* AutoIT
* TestComplete
* Testomato
* JMeter /Blaze meter -for Performance
* Also, UI testing can be partially performed with the help of browser extensions, such as Visbug, What font, Web developer, Page Ruler, ColorZilla.

# Release Control

* GitHub for Version Control
* Teamcity for the CI/CD

# Testing KPIs

| Behavioural UX KPIs | Attitudinal UX KPIs | Other KPIs |
| --- | --- | --- |
| Task success rate | System Usability Scale (SUS) | Translation Success |
| Time on task | Customer Effort Score (CES) | Defect Rejection Ratio |
| Search vs. Navigation | Net Promoter Score (NPS) | Defect leakage |
| User error rate | Customer Satisfaction Score (CSAT) | Test Success Rate |
| Misclick rate | Standardized User Experience Percentile Rank Questionnaire |  |
| Conversion rate | First impression |  |

# Review and Approvals

* All these activities are reviewed and sign off by the business team, project management, development team, etc.
* Summary of review changes should be traced at the beginning of the document along with approved date, name, and comment