***Test plan for Tutorials Ninja Demo Application :-***

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## *Test Plan Document:-*

### *1. Objective:-*

*The objective of this test plan is to verify the functionality, usability, and reliability of the* ***User Registration*** *and* ***Currency Selector*** *features of the* ***Tutorials Ninja Demo*** *application. The goal is to identify and document defects, ensuring a seamless experience for users.*

### *2. Scope of Testing:-*

*The testing scope covers:*

* *Functional testing of user registration and currency selection.*
* *Validation of input fields, error messages, and form submission.*
* *Testing currency selection persistence across pages and sessions.*
* *Verifying system behavior with valid and invalid inputs.*

### *Out of Scope:-*

* *Performance and security testing.*
* *Testing third-party payment integrations.*

### *3. Test Environment:-*

* ***Operating Systems****: Windows 10/11, macOS, Linux*
* ***Browsers****: Chrome, Firefox*
* ***Devices****: Desktop, Mobile (Android)*
* ***Test Data****: Sample user credentials, various currency values*

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### *4. Testing Tools & Resources:-*

* ***Test Case Management:****: Excel*
* ***Bug Tracking****: Jira*
* ***Documentation****: Google Docs*
* ***Browsers****: Chrome Developer Tools*

### *5. Deliverables:-*

* *Test Scenarios & Test Cases*
* *Bug Reports with Screenshots*
* *Test Execution Report*
* *Test Summary Report*

### *6. Risks and Mitigation:-*

| ***Risk*** | ***Mitigation Strategy*** |
| --- | --- |
| *Frequent UI changes* | *Regular updates to test cases* |
| *Browser compatibility issues* | *Perform cross-browser testing* |
| *Delayed test execution due to server issues* | *Schedule test execution during off-peak hours* |

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### *7. Entry and Exit Criteria:-*

#### *Entry Criteria:-*

* *Application is deployed and accessible.*
* *Test cases are prepared and reviewed.*
* *Test data is available.*

#### *Exit Criteria:-*

* *All test cases executed.*
* *Critical and major defects are fixed and retested.*
* *Test execution report is prepared.*

### *8. Test Deliverables:-*

* *Test Plan Document*
* *Test Scenarios & Cases*
* *Bug Reports*
* *Test Execution Report*

### *9. Roles and Responsibilities:-*

| ***Role*** | ***Responsibilities*** |
| --- | --- |
| *Test Engineer* | *Execute test cases, log defects* |
| *QA Lead* | *Review test results, report findings* |
| *Developer* | *Fix reported defects* |

### *10. Test Schedule:-*

| ***Phase*** | ***Timeline*** |
| --- | --- |
| *Test Planning* | *Day 1* |
| *Test Case Writing* | *Day 2-3* |
| *Test Execution* | *Day 4-5* |
| *Defect Reporting* | *Day 5-6* |
| *Test Summary Report* | *Day 7* |

### *11. Acceptance Criteria:-*

* *User Registration should allow users to sign up successfully with valid details.*
* *The Currency Selector should change and persist across pages and sessions.*
* *No critical defects should be present before production release.*