****Acceptance Test Procedure (ATP)****

#### ****Project Information:****

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#### ****Table of Contents:****

1. **Introduction** 1.1 Purpose  
   1.2 Scope  
   1.3 Objectives
2. **Features to be Tested** 2.1 User Authentication  
   2.2 Recasting Functionality  
   2.3 Data Security  
   2.4 Error Handling  
   2.5 Performance
3. **Testing Approach** 3.1 Test Levels  
   3.2 Test Types  
   3.3 Entry Criteria  
   3.4 Exit Criteria
4. **Test Cases**

4.1 Test Case ID 1: Recaster configuration  
4.2 Test Case ID 2: Recasting Functionality  
4.3 Test Case ID 3: Data Security  
4.4 Test Case ID 4: Error Handling  
4.5 Test Case ID 5: Performance

1. **Test Environment** 5.1 Hardware Requirements  
   5.2 Software Requirements  
   5.3 Browser Compatibility
2. **Roles and Responsibilities** 6.1 Test Team  
   6.2 Development Team  
   6.3 Product Owner
3. **Schedule** 7.1 Test Preparation  
   7.2 Test Execution  
   7.3 Defect Tracking and Resolution  
   7.4 Final Report
4. **Risks and Contingencies** 8.1 Identified Risks  
   8.2 Mitigation Strategies
5. **Approval and Sign-off**

#### 1. Introduction:

##### 1.1 Purpose:

The purpose of this document is to outline the acceptance testing plan for the web server-based recasting application. It provides a comprehensive overview of the testing scope, objectives, and approach.

##### 1.2 Scope:

The acceptance testing will cover the functional and non-functional aspects of the recasting application, ensuring that it meets the specified requirements and performs reliably in a production environment.

##### 1.3 Objectives:

* To validate the Recaster server configuration using the yaml configuration file.
* To verify the recasting functionality, including input and output.
* To assess the data security measures implemented.
* To evaluate error handling and recovery mechanisms.
* To measure the performance of the application under specified conditions.

#### 2. Features to be Tested:

##### 2.1 Server configuration:

* Verify that the application can be configured using yaml configuration file.
* Check the config file validity before allowing the configuration.

##### 2.2 Recasting Functionality:

* Test the recasting process for accuracy and completeness.
* Validate that input parameters are processed correctly.
* Ensure that the output is generated as expected.

##### 2.3 Data Security:

* Verify the encryption and protection of sensitive data.
* Confirm that user data is securely stored and accessed.

##### 2.4 Error Handling:

* Test the application's response to invalid inputs.
* Confirm that error messages are clear and informative.

##### 2.5 Performance:

* Evaluate the application's response time under normal and peak loads.
* Assess the scalability of the web server.

#### 3. Testing Approach:

##### 3.1 Test Levels:

* Acceptance Testing

##### 3.2 Test Types:

* Functional Testing
* Security Testing
* Performance Testing

##### 3.3 Entry Criteria:

* Completion of unit and integration testing.
* Availability of the test environment.

##### 3.4 Exit Criteria:

* Successful completion of all test cases.
* Resolution of critical defects.

#### ****4. Testing results:****