# Test Plan Outline

### **Introduction:**

The purpose of this test plan is to ensure that the online registration form for the website is thoroughly tested to validate its functionality, usability, and performance.

### **Objectives:**

The objectives of this test plan are to:

* Verify that the registration form collects the required information from users
* Validate that the form performs input validation and displays appropriate error messages
* Ensure that the form successfully submits data to the server upon correct completion

### **Scope:**

The scope of this test plan includes testing the registration form's functionality, including input validation, error handling, and data submission.

### **Test Environment:**

The test environment will consist of:

* A web browser (Google Chrome)
* A test server to simulate data submission
* A test data set (see below)

### **Test Data:**

The test data set will include:

* Valid and invalid input data for each field (e.g. valid and invalid email addresses, passwords, etc.)
* Different date of birth values
* Different gender options
* Newsletter subscription options (yes/no)

### **Test Scenarios:**

The test scenarios will cover different aspects of the registration form, including:

* Valid registration with all fields completed correctly
* Invalid registration with incorrect password format
* Invalid registration with invalid email address
* Registration with newsletter subscription

### **Test Execution:**

Schedule The test execution schedule will be as follows:

* Day 1: Test scenario development and test data preparation
* Day 2-3: Test execution and defect reporting
* Day 4: Defect fixing and re-testing

### **Risks and Assumptions:**

The risks and assumptions for this test plan include:

* Assumption: The test environment is set up correctly and is representative of the production environment
* Risk: Insufficient test data may lead to incomplete testing
* Risk: Defects in the test environment may impact test results

## Test Cases

Sheet has been attached separately.

## Scenario Identification

### Positive Scenarios

#### **Scenario 1:** Valid Registration

* + Steps: Enter valid full name, email address, password, date of birth, gender, and newsletter subscription option, and click submit button
  + Expected Outcome: The form submits data to the server, and a success message is displayed

#### **Scenario 2:** Registration with Newsletter Subscription

* + Steps: Enter valid full name, email address, password, date of birth, gender, select newsletter subscription option, and click submit button
  + Expected Outcome: The form submits data to the server, and a success message is displayed, with the user subscribed to the newsletter

### NegativeScenarios

#### **Scenario 1:** Invalid Password Format

* + Steps: Enter valid full name, email address, invalid password, date of birth, gender, and newsletter subscription option, and click submit button
  + Expected Outcome: The form displays an error message indicating that the password format is incorrect

#### **Scenario 2:** Invalid Email Address

* + Steps: Enter valid full name, invalid email address, password, date of birth, gender, and newsletter subscription option, and click submit button
  + Expected Outcome: The form displays an error message indicating that the email address is invalid.