**Test Plan Components:**

1. Module Analysis
2. Test Strategy
3. Test Objectives
4. Defining Test Criteria
5. Resource Planning
6. Test Environment
7. Schedule & Estimation
8. Determine Test Deliverables

**Module Analysis:**

Analysis of documentation provided for the **Tax Profiles** is studied and different end users are identified. Use cases are derived from the product documentation

Detailed information of Tax Profile module is obtained from the link <https://indigohelp.shireburn.com/en/articles/871018-set-up-new-tax-profiles>

Various actions in the Tax Profile modules are **Create tax Profile, Delete Tax Profile, Edit Tax Profile**. Linked modules with the Tax Profiles are Rates Tab which is used to enter parameters related to Tax Profile and the inputs for filling these parameters are taken from <https://cfr.gov.mt/en/rates/Pages/TaxRates/Tax-Rates-2021.aspx>

**Test Strategy:**

Test Strategy Consists of 3 parts namely Testing Scope, Identifying Testing type, Record risks, Test Logistics

**Scope of Testing:** Scope of testing is to be completely test the **Tax Profiles** Section and the sub- modules such as Rates Section.

**Out of Scope:** Non-Functional Testing (Load Testing) and API testing

**Identification of Test Types:** Unit Testing, System Testing, System Integration Testing, User Acceptance Testing, Ad-hoc Testing

**Recording of Risks:**

1. Lack of application knowledge – Can be mitigated by providing Short videos recorded by the Product Owner for the Tax Profiles section.
2. Maintenance Downtime of Development Server – Can be Mitigated by planning well maintenance in advance.

**Test Logistics:**

* 1 Manual Tester with 3 years of experience, 1 Automation Tester with 3 years of experience
* Agile (Scrum) is followed with 2 weeks Sprint where the Testing activity (Manual and Automation) will also be completed

**Test Objectives:**

Unit Testing will be performed to identify early Functionality defects and GUI Testing is performed to identify Functional and user experience enhancements

The goal of testing the Tax Profile is providing zero critical and high Priority bugs

**Defining Test Criteria:**

Entry Criteria for UI Testing is 100 % pass in the Unit Test Results and Exit Criteria for UI Testing is all the Test Cases are executed in 3 different browsers

**Test Resources:**

**Human Resource:**

* Test Manager -1
* Test Lead -1
* Manual Tester – 1
* Automation Tester -1
* Devops Engineer -1

**Test Environment:**

**System Resources:**

* Test Machine with Windows 10 and 500 GB Space for Automation Testing
* Staging Server or QA Server for performing Testing
* Testing tools for Automation, Test Management and Defect Management

**Test Estimation:**

1. Create Test Specification – 50 hours
2. Create Test Execution – 24 hours
3. Prepare Test Reports – 5 hours

**Test Deliverables:**

* Test Scenario Document
* Test Plan
* Test Case document
* Test Execution Metrics (Passed and Failed Tests vs Executed Tests)
* Traceability Matrix