Product

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Revision History

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| **Ver** | **Change Description** | **Sections** | **Date** | **Author** | **Reviewer** |
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References

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Purpose of this document

The purpose of this document is to provide the functional requirement specification for Testing Academy Dashboard tool.

Scope of this document

This document gives a brief description about the testing academy dashboard tool interface and functional requirements.

Definitions, Abbreviation and Acronyms

|  |  |
| --- | --- |
| **Acronym** | **Description** |
| TAD | Testing Academy DashBoard |

* Introduction

Testing Academy's Dashboard tool is an application for tracking and managing the Certification Data within the Testing Practice in Mindtree. The tool also generates several insightful reports - right from a dashboard view to in-depth analysis.

* System Features
  + - Functional Requirements

**Section I – Employee**

* 1. **Import Employee Details**

**User Story - As an ADMIN I should be able to import employee data from MIS report (MS Excel file) in to the tool.**

Scenario 1: Tool database is empty and ADMIN is importing MIS data for the first time.

Acceptance Criteria: All data from MIS should get updated into the tool.

Scenario 2: MIS data contain few new records.

Acceptance Criteria: New records should get appended properly into the database.

Scenario 3: Employee record is already available in the tool, however few of the fields (such as competency, location, Project Name etc.) has been changed.

Acceptance Criteria: Changed details should get updated properly and log should be generated for the changed records.

Scenario 4: Employee record is not available in the latest MIS.

Acceptance Criteria: “Employee Status” in the tool database should get changed to “Inactive” and separate log should be generated for the inactive records.

Scenario 5: If tool is not able to resolve any of the record while upload, then that record must get logged in a log file. Upload operation must not terminate abruptly.

* 1. **View Employee Details**

**User Story – As an ADMIN, I should be able to view all employee details available in the database**

Scenario 1: ADMIN to query on employee id to view details of each employee.

Acceptance Criteria: ADMIN should be able to view details of each employees.

* 1. **Export Employees**

**User Story – As an ADMIN, I should be able to export employee details from the tool.**

Scenario 1: In admin tab, need an option where admin can export all employee records along with employee status.

Acceptance Criteria: Excel file with all details for each employee. While exporting ask admin to key name file (example emp\_details\_20Mar.xls)

* 1. **Update Employee**

**User Story – As an ADMIN, I want to update employee details.**

Scenario 1: For the any of the following changes, tool must update employee record via “Import Employee Details” feature.

1. Change in Competency

2. Change in Vertical

3. Change in Project

4. Change in the location

Acceptance Criteria: Relevant employee record must get updated and no duplicate record to get created.

* 1. **Delete Employee**

**User Story – As an ADMIN, when employee leaves/resigns Mindtree, make that specific employee record inactive**

Scenario 1: Employee record is available in the tool database however that record is now missing from MIS excel as the employee resigned.

Acceptance Criteria: Admin by using view employee must see the status of that specific employee as inactive.

**Section II – Certifications**

* 1. **External Certifications**
     1. **Master Database for certifications**

**User Story: As an ADMIN, I want to add/update/delete master data (Certification category, Certification Name, Certification code etc.) for certification.**

**Example of Master Data:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Certification Code** | **Certification Category** | **Certifying Body** | **Certification Name** | **Level** |
| EXT-TEST-001 | Testing | ITB | ISTQB | Foundation |
| EXT-DOM-001 | Domain | CISCO | CCNA |  |

Scenario 1: Certification master database is empty and ADMIN want to add certification data in to the tool

Acceptance Criteria: ADMIN should be able to add all required details.

Scenario 2: ADMIN want to update details of any certification

Acceptance Criteria: ADMIN should be able to update certification details.

Scenario 3: ADMIN want to delete certification details for one of the certificate.

Acceptance Criteria: Tool should check whether this certificate is linked with any employee. If it is not linked, then it should allow ADMIN to delete it. If it is linked to any employee, ADMIN should not be able to delete it.

**User story: As an ADMIN, I should be able to view certification base details.**

Scenario 1: ADMIN has entered all certification base details in master database and want to view all stored details.

Acceptance criteria: Admin should be able view certification base details and should be able to export these details to excel file.

Scenario 2: ADMIN entered certification name in the search text box.

Acceptance criteria: All details such as certification code, category should be displayed on the screen.

* + 1. **Import Certification Details**

**User Story – As an ADMIN, I want to import certification details from certification MS excel file**

Scenario 1: Upload certification details for the certified employee via excel upload.

Acceptance Criteria: All record inserted in tool database.

Example:

|  |  |  |
| --- | --- | --- |
| **EMP ID** | **Certification Code** | **Date of Certification** |
| M1021521 | EXT-TEST-001 | 7/15/2013 |
| M1019837 | EXT-DOM-001 | 11/26/13 |

Scenario 2: Update existing records if there is any change. Note that one employee can have multiple certification. So tool to decide it is a new certification or it needs to update existing record based on validation.

Acceptance Criteria: ADMIN should be able to update certification details and view changes in view certification details by employee id.

Example: If by mistake wrong Certification code has been updated in the record, ADMIN should be able to change it.

Scenario 3: ADMIN want to delete certification details of a specified employee.

Acceptance Criteria: admin can view all certification detail of a specific employee. Admin must get an option to update a record or delete a record from the tool.

Scenario 4: If tool is not able to resolve any of the record while upload, then that record must get logged in a log file. Upload operation must not terminate abruptly.

* + 1. **Certification Dashboard**

User Story – As an ADMIN, I want to view various reports for the certification details.

Scenario 1- Snapshot of certification details. It should include total number of externally certified people grouped by certification category (Testing, Domain, Tools, and Technology etc.)

Acceptance Criteria: ADMIN should be able to view this report and should be able to export this report to MS Excel.

Scenario 2 – Competency-wise report – As an ADMIN, I want to see competency-wise report for external certifications (e.g. It should show, how many C4s are certified in Testing, Domain etc.)

Acceptance Criteria: ADMIN should be able to view this report and should be able to export this report to MS Excel.

Scenario 3 – Location-wise report – As an ADMIN I want to see location-wise report for external certifications (e.g. how many people from Pune are certified in Testing, Domain etc.)

Acceptance Criteria: ADMIN should be able to view this report and should be able to export this report to MS Excel.

Scenario 4 – Certification Name –wise report – As an ADMIN, I want to see how many people are certified for particular certification (Say ISTQB Foundation level).

Acceptance Criteria: ADMIN should be able to view this report and should be able to export this report to MS Excel.

Scenario 5 – Quarter and Year –wise report – As an ADMIN, I want to see how many people are certified in particular year, or in particular quarter of the year. It should list all the details such as Employee ID, Employee Name, Location, Certification-Name, Certification-Category, and Date-of-Certification.

Acceptance Criteria: ADMIN should be able to view this report and should be able to export this report to MS Excel.