**REQUIREMENT TRACEBLITY MATRIX AND TEST CASES**

**TUNE4JOBS**

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Change Record

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| **Revision** | **Date** | **Author** | **Changes** |
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**TEST CASE**

A test case is a set of rules or conditions to check if the system or one of its feature works in accordance to the requirement. It is a document with a set of details which includes, set of test data, expected results, actual results, environment information and soon.

Below are the test cases for the TUNE4JOBS web application.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TEST CASE ID#** | **TEST**  **MODULE** | **TEST CASE** | **EXPECTED RESULT** | **TEST RESULT** |
| TC#001 | ADMIN | Provide valid login credentials | User successfully logged in and directed to the admin dashboard page | pass |
| TC#002 | ADMIN | Enters invalid login credentials | Displays Error message | pass |
| TC#003 | ADMIN | Upon successful login, click on the ‘List of Recruiters’ tab. | Displays the details of list of active employers registered with the application | pass |
| TC#004 | ADMIN | Upon successful login, click on the ‘List of Recruiters’ tab | Display no data to show when no company is registered. | pass |
| TC#005 | ADMIN | Upon successful login, click on the ‘List of Candidates’ tab. | Displays the details of list of active candidates applied with the application | pass |
| TC#006 | ADMIN | Upon successful login , click on the feedback tab in the candidate profile | Display the feedback send by the candidates. | pass |
| TC#007 | ADMIN | Upon successful login , click on the feedback tab in the candidate profile | Display no data to show when feedback is not send by the candidate. | pass |
| TC#008 | ADMIN | Logout | Redirects to the Home page of the admin. | pass |
| TC#009 | ADMIN | Logout | Re-login again on clicking logout, session gets invalidated | pass |
| TC#010 | RECRUITER | Provide valid login credentials | Recruiter successfully logged in and directed to the their dashboard page | pass |
| TC#011 | RECRUITER | Provide invalid login credentials | Displays Error message | pass |
| TC#012 | RECRUITER | Provide details for registration | Recruiter successfully registered with the application | pass |
| TC#013 | RECRUITER | Did not provide complete details for registration | Displays an alert message. Registration incomplete | pass |
| TC#014 | RECRUITER | Upon successful login, click on ‘Post New Job’ tab | Recruiter posts jobs with the required details | pass |
| TC#015 | RECRUITER | Recruiter trying to post job with insufficient  details | Prompts to fill in all the necessary details of the job | pass |
| TC#016 | RECRUITER | Recruiter clicks on the ‘List Posted Jobs’ tab | All the jobs posted by the employer will be displayed. | pass |
| TC#017 | RECRUITER | Recruiter clicks on the ‘edit’ company details tab | All the job details provided can be edited. | pass |
| TC#018 | RECRUITER | Recruiter clicks on the ‘view profile’ tab from candidate list | The list of the details of applicants for a particular job posting are displayed. | pass |
| TC#019 | RECRUITER | Recruiter clicks on the ‘view profile’ tab from candidate list | Display no data to show when no candidate is applied for the particular job. | pass |
| TC#020 | RECRUITER | Recruiter clicks on ‘accept’ for selecting the candidate | Selected email will be send to the appropriate candidate. | pass |
| TC#021 | RECRUITER | Recruiter clicks on ‘reject’ for selecting the candidate | Rejected email will be send to appropriate candidate. | pass |
| TC#022 | RECRUITER | Logout | Redirects to the Home page of the recruiter. | pass |
| TC#023 | RECRUITER | Logout | Re-login again on clicking logout, session gets invalidated | pass |
| TC#024 | JOBSEEKER | Provide complete details for registration | Jobseeker successfully registered with the application | pass |
| TC#025 | JOBSEEKER | Provide incomplete details for registration | Display error message. Registration incomplete. | pass |
| TC#026 | JOBSEEKER | Enters valid login credentials | Display the home page of the candidate | pass |
| TC#027 | JOBSEEKER | Enters invalid login credentials | Error message displayed | pass |
| TC#028 | JOBSEEKER | Upon successful login, click on ‘My Profile’ tab | Display the profile details of the jobseeker. | pass |
| TC#029 | JOBSEEKER | Upon successful login, click on ‘edit’ option in ‘My Profile’ tab | Can edit certain fields from the profile. | pass |
| TC#030 | JOBSEEKER | Upon successful login, click on ‘View company details tab | Display the appropriate company details | pass |
| TC#031 | JOBSEEKER | Upon successful login, click on ‘View company details tab | Displays error message if no appropriate company available. | pass |
| TC#032 | JOBSEEKER | Upon successful login, click on ‘Apply Jobs’ tab | Can apply for appropriate jobs based on the skills. | pass |
| TC#033 | JOBSEEKER | Click on ‘Send Feedback’ tab | Displays a form to fill in the review details of the site to admin | pass |
| TC#034 | ADMIN | Logout | Redirects to the Home page of the admin. | pass |
| TC#035 | RECRUITER | Logout | Re-login again on clicking logout, session gets invalidated | pass |

**REQUIREMENT TRACEBLITY MATRIX**

**Traceability Matrix -TM**

A Traceability Matrix is a document that co-relates any two-baseline documents that require a many-to-many relationship to check the completeness of the relationship. It is used to track the requirements and to check the current project requirements are met.

### RTM -Requirement Traceability Matrix

Requirement Traceability Matrix or RTM captures all requirements proposed by the client or software development team and their traceability in a single document delivered at the conclusion of the life-cycle.

In other words, it is a document that maps and traces user requirement with test cases. The main purpose of Requirement Traceability Matrix is to see that all test cases are covered so that no functionality should miss while doing Software testing.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **REQUIREMENTS TRACEABILITY MATRIX** | | | | | | | |
| **Project Name:** Tune4Jobs | | | | | | | |
| **Business Requirements Document (BRD)** | | **Functional Specification Document (FSD)** | |  | **Test Case Document** |  |  |
| **Business Requirement ID#** | **Business Use case** | **Functional Requirement ID#** | **Functional Requirement / Use Case** | **Priority** | **Test Case ID#** | **Execution Status** | **Duration** |
| BR\_1 | Login module | FR\_1 | Admin | High | TC#001 | pass | 3hours |
| TC#002 | pass |
| FR\_2 | Jobseeker | High | TC#026 | pass | 4 hours |
| TC#027 | pass |
| FR\_3 | Recruiter | High | TC#010 | pass | 4 hours |
| TC#011 | pass |
| BR\_2 | Registration module | FR\_4 | For jobseeker | High | TC#012 | pass | 5 hours |
| TC#013 | pass |
| FR\_5 | For Recruiter | High | TC#024 | pass | 5 hours |
| TC#025 | pass |
| BR\_3 | Track module | FR\_6 | For jobseeker | High | TC#032 | pass | 2 hours |
| BR\_4 | Review module | FR\_7 | Jobseeker | Medium | TC#033 | pass | 2 hours |
| FR\_8 | Admin | Medium | TC#007 | pass | 2 hours |
| BR\_5 | Display module | FR\_10 | Admin | High | TC#003 | pass | 6 hours |
| TC#004 | pass |
| TC#005 | pass |
| FR\_11 | Jobseeker | High | TC#028 | pass | 8 hours |
| TC#029 | pass |
| TC#030 | pass |
| TC#031 | pass |
| FR\_12 | Recruiter | High | TC#017 | pass | 8 hours |
| TC#018 | pass |
| TC#019 | pass |
| TC#020 | pass |
| TC#021 | pass |
| BR\_6 | Logout module | FR\_13 | Admin | High | TC#008 | pass | 2 hours |
| TC#009 | pass |
| FR\_14 | Jobseeker | High | TC#034 | pass | 2 hours |
| TC#035 | pass |
| FR\_15 | Recruiter | High | TC#022 | pass | 2 hours |
| TC#23 | pass |