**Web Application - Talent and Job Platform (Manual Testing)**

**Project Name: Blakskill- Group 4**

**Test Plan Version: 1.0**

**Prepared By: QA Training Team 4**

**Date: July 25, 2025**

#### **Objective:** To verify the core functionality of the Blakskill talent and job matching platform, ensuring that all modules operate as intended. This includes validating user authentication, job and talent search, recovery mechanisms, and core user flows such as social login, OTP verification, bookmarking, and job posting. The goal is to detect and document any issues prior to production release and to confirm that the application is secure, usable, and ready for deployment.

#### **Scope of Testing:** This test plan covers the functional, usability, and security testing of the Blakskill web application modules:

#### **Modules in Scope:**

* User Sign-Up (with OTP verification + Social login for job seekers)
* Log-In (email/password for all users, social login for job seekers only)
* Forgot Password
* Find Talent (Search, Filter, View Talent)
* Find Job (Search, Filter, Apply, Bookmark)

#### **Key Test Focus Areas:**

#### Desktop and mobile browser responsiveness

* Form field validation and user feedback (success/error)
* Role-based access (Job Seeker vs Employer)
* Security tests (basic auth/session handling, password rules)
* OAuth integration check (Google, LinkedIn for job seekers)
* OTP verification flows

#### **Out of Scope:**

* Session Management and Navigation
* Performance/load testing
* Penetration or vulnerability scanning
* Backend API performance profiling

1. **Testing Strategy:**
2. Manual testing across desktop/mobile browsers
3. Black-box testing approach
4. Positive and negative test cases
5. Smoke tests after each new build
6. Regression test cycle before release

**4. Test Items and Features**

| **Module** | **Features to Test** |
| --- | --- |
| Sign-up | * Field validation * Email uniqueness * Password rules * OTP flow * Social login (job seekers only) * Error/success messages |
| Login | * Email/password login, * Google/LinkedIn login (job seekers) * Session handling * Error feedback |
| Forgot password | * Email validation, * Link sent within 1 minute * Reset flow * Password rules |
| Find Talent | * Search/filter (skills, experience, availability), view profile cards, contact/save options |
| Find Job | * Search (title, company), filters (type, level), job cards, view job details, apply, bookmark (wishlist), pagination or infinite scroll. |

**5. Test Entry & Exit Criteria**

**Test Entry Criteria:**

* PRD and all functional requirements are finalized
* Test environment is deployed and stable
* Required OAuth and email services are integrated
* Test data is available
* Test plan and cases are reviewed by QA Lead

**Test Exit Criteria:**

* All planned test cases have been executed.
* All critical/high bugs resolved and retested
* Regression testing is successful
* Final report is reviewed and signed off
* All testing deliverables have been submitted

**6. Testing Schedule and Responsibilities**

| **Phase** | **Date** | **Task Description** | **Responsible Person** |
| --- | --- | --- | --- |
| Requirement Definition | Monday, July 21 | Co-created and review PRD | Emmanuel  Ifunanya |
| Test Plan Creation | Monday, July 21 | Finalize scope, modules, and timeline. | Solomon  Joseph |
| Test Case Design | Tuesday, July 22 | Write positive/negative cases for all modules including OTP, Social Login, Bookmark, Job Posting. | Fathia  Olayinka  Winfred  Francis  Achi |
| Environment Setup | Tuesday, July 22 | Identify the test environment (local/staging), gather test data | Group Leader |
| Test Execution | Wednesday, July 23 | Execute test cases manually, report bugs, and document observations | Entire Group |
| Bug/Retest/ Verification | Wednesday, July 23 | Verify fixes and retest | Emmanuel Ifunanya |
| Final Report & Review | Thursday, July 24 | Compile test results, update test plan if needed, finalize for submission | Entire Group |
| Submission Preparation | Thursday, July 24 | Submit plan, cases, and report as assignment | Group Leader (Emmanuel) |

**7. Tools**

| **Tool** | **Use case** |
| --- | --- |
| Google Docs | Test plan and summary documentation |
| Google sheet | Test case writing and execution tracking |
| Email Clients (Gmail, Yahoo) | OTP and password reset testing |
| Web Browsers (Chrome, Firefox, Safari) | Manual UI and functionality testing |
| Loom / Screen Recorder (optional) | Record failed test scenarios |
| Screenshot Tool | Capture UI issues or bug |

**8. Test Environment**

| **Component** | **Details** |
| --- | --- |
| App Version | Blakskill Web – Beta/Staging |
| Browser | Chrome, Firefox, Safari |
| Devices | Desktop (Windows, Mac), Mobile View (Dev Tools) |
| Email/OAuth Services | Gmail, Google OAuth, LinkedIn OAuth (test accounts) |

**9. Deliverables**

| Document/ Asset | Description |
| --- | --- |
| Final Test Plan | Describes manual testing scope, strategy, and roles |
| Test Case Sheet | All manual test cases with status (Pass/Fail) |
| Bug Report | List of bugs found with descriptions and evide |
| Test Summary Report | Summary of test activities, major issues, and sign-of |
| Submission Folder | Consolidated zip or Google Drive link with all QA deliverables |