

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

1. **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.
2. **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 talents)
- Log-In (email/password for all users, social login for talents 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 (talent vs hiring manager)
- Security tests (basic auth/session handling, password rules)
- OAuth integration check (Google, LinkedIn for talents)
- OTP verification flows

Out of Scope:

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

3. Testing Strategy:

1. Manual testing across desktop/mobile browsers
2. Black-box testing approach
3. Positive, negative and edge test cases
4. Smoke tests after each new build

5. Regression test cycle before release

4. Test Items and Features

Module	Features to Test
Sign-up	<ul style="list-style-type: none">● Field validation● Email uniqueness● Password rules● OTP flow● Social login (talents only)● Error/success messages
Login	<ul style="list-style-type: none">● Email/password login,● Google/LinkedIn login (talents)● Session handling● Error feedback
Forgot password	<ul style="list-style-type: none">● Email validation,● Link sent within 1 minute● Reset flow● Password rules
Find Talent	<ul style="list-style-type: none">● Search/filter (skills, experience, availability), view profile cards, contact/save options
Find Job	<ul style="list-style-type: none">● 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 (Ifunanya)

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 evidence
Test Summary Report	Summary of test activities, major issues, and sign-off
Submission Folder	Consolidated zip or Google Drive link with all QA deliverables