

COLLEGE CORNERSTONE

Public Portfolio Case Study | Business-Technical Analysis · Requirements Engineering · Functional QA

Role	Business-Technical Analysis / QA
Platform	Canada-based multi-role SaaS
Scope	Candidate · Employer · Institution · SuperAdmin · Data Analytics
Public version	Sanitized summary; confidential project documents are not reproduced

1. Project Overview

College Cornerstone is an AI-powered hiring and education/career platform structured around five functional modules: Candidate, Employer, Institution, SuperAdmin and Data Analytics. The work combined business requirements definition, role-based workflow analysis, acceptance criteria and structured functional validation to support release readiness.

2. Business-Technical Contribution

- Requirements engineering: Translated stakeholder and platform needs into structured, testable requirements for engineering and QA use.
- Functional specification: Defined user stories, acceptance criteria, business rules, non-functional requirements and release acceptance criteria.
- Role-based analysis: Structured requirements across Candidate, Employer, Institution, SuperAdmin and Data Analytics workflows.
- QA and release readiness: Supported functional verification against business requirements and acceptance criteria, with regression/UAT considerations and documented release conditions.

3. Requirements Deliverable

The Business Analysis & User Story Specification covered business objectives, platform roles, user stories and acceptance criteria, business rules, non-functional requirements, the revenue model and formal release acceptance criteria. This created a structured bridge between business expectations, development implementation and QA validation.

5	User Stories & Acceptance Criteria	Business Rules	Release Criteria
ROLE-BASED MODULES	REQUIREMENTS ENGINEERING	PLATFORM GOVERNANCE	PRODUCTION READINESS

4. Functional QA & Validation

The formal QA cycle used manual black-box functional testing against business requirements and acceptance criteria, with regression testing for fixes and UAT scenarios for key end-to-end workflows. Testing covered the same five role-based modules.

148	128	16	4	86.5%
TEST CASES	PASSED	FAILED	BLOCKED	PASS RATE

Module-level QA summary

Module	Planned	Passed	Failed	Blocked	Pass Rate
Candidate	39	34	4	1	87.2%
Employer	31	27	3	1	87.1%
Institution	36	30	5	1	83.3%
SuperAdmin	23	21	2	0	91.3%
Data Analytics	19	16	2	1	84.2%
Total	148	128	16	4	86.5%

5. Defect & Release Readiness

Twenty defects were logged across Critical, High, Medium and Low severity. At the reported test-cycle close, both Critical-severity defects had been resolved and closed. The formal recommendation assessed the application as conditionally ready, with outstanding failed/blocked cases, pending retests and release conditions to be addressed before unrestricted production release.

- Release discipline: Critical and release-blocking issues require closure or formal risk acceptance before release.
- Regression: Fixed functionality requires retest/regression evidence before final sign-off.
- UAT: Key end-to-end workflows require stakeholder validation before production approval.
- Privacy and quality: Data privacy, analytics consistency and role-based workflow behaviour were included in release-readiness considerations.

6. Portfolio Evidence

Deliverables represented: Business Analysis & User Story Specification · Functional QA Test Report · User Stories · Acceptance Criteria · Business Rules · Non-Functional Requirements · Functional Test Cases · Defect Analysis · Release Recommendation

Focus areas: Business-Technical Analysis · Requirements Engineering · SaaS · Role-Based Workflows · Functional QA · Regression · UAT · Release Readiness · Data Analytics

Confidentiality note: This is a sanitized public portfolio summary. Confidential project documents, credentials, personal data, internal defect identifiers and sensitive implementation details are intentionally excluded. Original project documentation is available for professional verification upon appropriate request and authorization.

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