System Testing of Banana Talent Platform version 1.6

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ABSTRACT

The cooperative education project in 2025 aims to gain practical experience in the real working environment of Banana Coding Co., Ltd. The author worked as a Test Engineer for the Banana Talent internal web application. Responsibilities included testing version 1.6 based on predefined test cases and reporting defects. A total of 750 designed test cases were test manually, 745 passed and 5 were skipped and discussed with the project manager. Additionally, 62 automated test cases were executed with results consistent with manual testing. These operations helped enhance the efficiency and reliability of the system for actual users.

INTRODUCTION

Banana Coding Co., Ltd. is a company specializing in software development and information technology. During this cooperative education program, I was assigned the role of Test Engineer, where my primary responsibility was to test the Banana Talent website, an internal system designed for employee data management.

The testing process encompassed both Manual and Automated Testing, including the design of test cases and reporting defects to the development team to ensure system accuracy. This experience has significantly enhanced my software testing skills through real-world experience.

RESULTS

MANUAL TESTING

From 750 test cases tested within the specified timeframe, the results are summarized in the table.

Releases	Total	Passed	Failed	Skipped
1.6.0	233	201	17	15
1.6.1	323	292	3	28
1.6.2	127	62	3	2
1.6.3	127	117	10	0

Table 1: Test Results for Each Release Version

Following the defect fixes, regression testing was performed on the entire system. A total of 745 test cases passed, none failed, and 5 were skipped and will be reviewed with the project manager in the future.

AUTOMATED TESTING

Out of a total of 750 test cases, 62 were developed into automated tests covering specific modules in release 1.6.0. These successfully automated test cases significantly reduced regression testing time and produced results consistent with manual testing.

METHODOLOGY



TECHNOLOGY

CONCLUSION

The objective of testing Banana Talent version 1.6 was to verify that the website functions correctly according to user requirements and performs efficiently. The test results indicated that the designed test cases comprehensively covered all User Stories. While most system functionalities operated as expected, any identified defects were reported to the development team for further improvement. Overall, the testing process effectively detected system issues, ensuring that the platform is stable and ready for production.

Reference: Bananacoding (2025). Retrieved from https://www.bananacoding.com/th