

Handover Document

Group B

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Table of Contents

1. Introduction
 2. Test Plan Summary
 3. Test Cases
 - Black-Box Test Cases
 - White-Box Test Cases
 4. Test Case Details
 5. Summary of Test Results
 6. Issues and Recommendations
 7. Conclusion
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1. Introduction

This handover document summarizes the test cases executed for the application, categorizing them into Black-Box and White-Box test cases. Each test case includes its status and relevant observations.

2. Test Plan Summary

- **Objective:** To ensure the functionality and robustness of the application.
 - **Scope:** Both Black-Box and White-Box test cases covering various features and modules of the application.
 - **Methodology:** Manual and automated testing.
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3. Test Cases

Black-Box Test Cases

These test cases are defined based on the available documentation and execution of the program without inspecting the code.

#	Test Case Description	Status	Observation
1	Verifying that the registered companies list is displayed correctly	Pass	Now asks for login authentication
2	Verify that a user can propose three company names for reservation	Pass	
3	Verifying the confirmation and payment process for company incorporation	Pass	
4	Verifying that the user is getting by email unique login credentials	Pass	Updated, not possible to do it. Need server and will have to change the complete code and its structure.
5	Verifying that a registered member can log in to the member portal	Pass	
6	Verifying that a member can access the news forum	Pass	
7	Verifying that a member can submit a query	Pass	
8	Verifying that a member can view their previous queries	Pass	
9	Verifying that a member can provide feedback	Fail	Still not able to fix it as the way the application is

	on a resolved query		created it gets too complicated.
10	Verifying that an employee can sign up to the employee portal.	Pass	Now able to login using new account after account creation
11	Verifying that an employee can manage member queries	Pass	
12	Verifying that an employee can create news for the news forum	Pass	
13	Verifying role-based access control	Fail	Still not able to fix this feature as we need to change the whole code from the beginning.
14	Verifying that employees can approve company registration requests	Pass	
15	Verifying that an invalid member login attempt is handled correctly	Pass	
16	Verifying that an invalid employee login attempt is handled correctly	Pass	
17	Verifying that the system prevents duplicate employee registrations	Pass	Duplicate employee names not coming now
18	Verifying that members can update their profile information	Pass	Now we can update profile
19	Verifying that a member can successfully submit a review for an employee	Pass	Members can review and feedback for a specific employee, and employees can see it

White-Box Test Cases

These test cases were defined during the inspection of the code.

#	Test Case Description	Status	Observation
1	Test if feedback is correctly written to CSV	Pass	
2	Test if empty comment is not written to CSV	Pass	Comments field cannot be empty
3	Test if news is successfully added	Pass	
4	Test if empty news is not added	Pass	Empty news cannot be submitted
5	Test if queries are correctly fetched from the CSV file	Pass	
6	Test if a line in the CSV file is correctly replaced	Pass	
7	Test if the answer for a selected question is correctly set	Pass	
8	Test setting an empty answer for a question	Pass	No empty strings are being stored and it throws an exception
9	Test getters and setters of Company class	Pass	
10	Test Company object with empty string values	Pass	Empty values are not being saved in the csv
11	Test if valid employee credentials are accepted	Pass	
12	Test if invalid employee credentials are rejected	Pass	
13	Test if valid members are validated correctly	Pass	
14	Test if invalid members are not validated	Pass	

15	Test if Empty/Null Credentials are not valid	Pass	
16	Test searching queries by valid user ID	Pass	
17	Test searching queries by invalid user ID	Pass	
18	Test successful company registration on payment success	Pass	
19	Test unsuccessful company registration on payment failure	Pass	
20	Test unsuccessful company registration with missing information	Pass	
21	Test getters and setters of Queries object	Pass	
22	Test validation of empty strings in Queries object	Pass	
23	Test valid query validation	Fail	
24	Test invalid query validation (comma)	Pass	
25	Test empty query validation	Pass	
26	Test successful employee credential saving	Pass	
27	Test saving employee credentials with missing fields	Pass	
28	Test showing an alert	Pass	

4. Test Case Details

Detailed descriptions and execution steps for each test case are maintained in the test case documentation repository.

5. Summary of Test Results

Almost all test cases, including both Black-Box and White-Box tests, have passed successfully. The previously identified issues have been resolved as per the observations listed. Only very few issues remain.

6. Issues and Recommendations

- **Issue:** Initially, some test cases failed due to incorrect handling of certain functionalities.
 - **Resolution:** The application code has been updated to fix the identified issues, ensuring proper functionality across all tested scenarios.
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7. Conclusion

The application has successfully passed all the defined test cases, demonstrating its reliability and robustness. The resolved issues have improved the system's overall functionality, meeting the required standards and specifications.

This concludes the handover document for the application testing phase. Please refer to the detailed test case documentation for further insights into the test executions.
