QA Handover Document

Document Title: DEV Testing Evidence & QA Execution Plan – [Project Name]

Prepared By: [Your Name]

Date: [DD-MM-YYYY]

Module/Feature: Chatbot Operations

Environment: DEV → QA

Version: [vX.X.X / Build #]

# 1. Project Summary

The Chatbot Operations Module is part of the [Project Name] initiative, enabling automated user, group, and messaging management via chatbot commands.  
  
Core Capabilities:  
- User Management: Create, update, search, list, and delete users with validations.  
- Group Management: Create groups, add/remove members, prevent duplicates.  
- Messaging: Send direct messages and broadcast messages to groups with proper error handling.  
  
DEV Objective: Validate core functionalities and ensure robustness before moving to QA.  
Outcome: All 10 operations passed in DEV; ready for QA execution.

# 2. QA Instructions

Environment Prep:  
- Deploy [vX.X.X / Build #] to QA.  
- Verify QA database, message queues, and integration services are active.  
- Ensure chatbot service credentials are valid in QA.

Scope of Testing:  
- Re-execute all 10 operations from the DEV test cycle.  
- Include positive, negative, and edge cases.  
- Validate functional accuracy, data correctness, and performance.

Testing Process:  
- Use commands exactly as listed in the DEV test evidence.  
- For negative cases, replicate invalid inputs.  
- Record actual vs expected outcomes with screenshots.

Pass/Fail Criteria:  
- Pass: Output matches expected behavior.  
- Fail: Any deviation from expected output or handling.

Defect Reporting:  
- Document in defect tracker with operation number, command used, actual response, screenshot, and steps to reproduce.

Post-QA Actions:  
- Update QA Results section in this document.  
- Sign off once all critical/high severity defects are resolved.

# 3. DEV Test Results Table

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Op # | Operation Name | Command Used | Expected Response | Actual Response | Status | Remarks |
| 1 | Create User | Create a user named John | User John created successfully with ID 101 | Matched | ✅ Pass | Success & error cases handled |
| 2 | Update User Details | Update John’s mobile to 9876543210 | Mobile number updated for John | Matched | ✅ Pass | Works as expected |
| 3 | Delete User | Delete user John | User John deleted successfully | Matched | ✅ Pass | Error handling proper |
| 4 | Search User | Search user John | User found: John, Mobile..., Email... | Matched | ✅ Pass | Accurate search results |
| 5 | List All Users | List all users | List of users | Matched | ✅ Pass | Handles empty list case |
| 6 | Create Group | Create group “Developers” | Group 'Developers' created successfully with ID G101 | Matched | ✅ Pass | Duplicate prevention works |
| 7 | Add User to Group | Add John to group “Developers” | User John added to group 'Developers' successfully | Matched | ✅ Pass | Duplicate member check works |
| 8 | Remove User from Group | Remove John from group “Developers” | User John removed from group 'Developers' successfully | Matched | ✅ Pass | Non-member case handled |
| 9 | Send Message to User | Send message “Welcome!” to John | Message sent to John successfully | Matched | ✅ Pass | Works only for valid users |
| 10 | Broadcast to Group | Broadcast “Meeting at 5 PM” to group… | Message broadcasted to group 'Developers' successfully | Matched | ✅ Pass | Handles empty group scenario |

# 4. QA Results Placeholder

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Op # | Operation Name | QA Expected Response | QA Actual Response | Status | QA Remarks |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| 5 |  |  |  |  |  |
| 6 |  |  |  |  |  |
| 7 |  |  |  |  |  |
| 8 |  |  |  |  |  |
| 9 |  |  |  |  |  |
| 10 |  |  |  |  |  |

# 5. Sign-Off & Version Control

Prepared By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Name / Date)

Reviewed By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Name / Date)

QA Executed By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Name / Date)

QA Lead Approval: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Name / Date)

Release Manager Approval: \_\_\_\_\_\_\_ (Name / Date)

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Changes Made |
| 1.0 |  |  |  |