

Contact List App

Test Plan

Test Plan for Contact List App

Document Version: 1.0

Date: 22 July 2025

Test Plan for Contact List App

TP-P01

Document Version:1.0

Date:24 June 2025

To be completed by: Mai Okasha

Aya Shanteer

Hazeem Lababidi

Wajiha Al-Amassi

Table Of Contents

1.Introduction.....	3
2. Scope.....	4
2.1 In scope:.....	4
• Users API:.....	4
- User Registration.....	4
- User Login.....	4
- User Logout.....	4
- Update User Profile.....	4
- Delete User Account.....	4
• Contacts API:.....	4
- Add Contact.....	4
- Get All Contacts.....	4
- Get Contact.....	4
- Update Contact (PUT & PATCH).....	4
- Delete Contact.....	4
2.2 Out Scope:.....	4
3.Test Schedule:.....	5
4.Test Approach:.....	5
5.Suspension criteria and Resumption requirements:.....	6
7.Responsibilities.....	6
8.Resource Planning.....	7

1.Introduction

This test plan outlines the testing strategy and scope for the Contact List App API Testing Project. The main objective is to validate that each API endpoint related to contacts and users functions correctly, aligns with documented specifications, and provides accurate responses for both positive and negative test scenarios. This includes all CRUD operations for contacts and users using Postman as a testing tool. It also covers user management functionalities such as user registration, login, logout, update, and deletion, as part of the Users API Test Cases executed during Sprint 2.

2. Scope

2.1 In scope:

- Users API:
 - User Registration
 - User Login
 - User Logout
 - Update User Profile
 - Delete User Account
- Contacts API:
 - Add Contact
 - Get All Contacts
 - Get Contact
 - Update Contact (PUT & PATCH)
 - Delete Contact

2.2 Out Scope:

- Performance, load, and stress testing
- Third-party integrations(payment gateway)
- Mobile application testing

3.Test Schedule:

Feature	Test Days
User Registration	1 day
User Login	2 days
User Logout	2 days
User Profile Update	1day
User Deletion	1 day
Add Contact	1 day
Get Contact List	1 day
Get Contact	1 day
Update Contact	1 day
Delete Contact	1 day
Token & Authorization Checks	1 day
Field Validation & Error Handling	1 days

4.Test Approach:

Testing will be performed automated using Postman. Each API will be tested for valid and invalid scenarios. Authentication will be validated using token-based authorization. Functional, boundary, and error-handling test cases will be executed.

5.Suspension criteria and Resumption requirements:

Suspension Criteria: Testing will be suspended if critical defects, incomplete features, or environment issues prevent test execution.

Resumption Requirements: Testing will resume once the issues are resolved, and a stable build is available for testing.

6.Test Deliverable:

Before Testing
Test Plan
Test Scenarios
Test Cases
Test Environment Specification
During Testing
Test Logs
Requirement Traceability Matrix
Defect Reports
After Testing
Test summary report

7.Responsibilities

Role	Responsibilities
Test Manager	Overall Test Strategy,Resource Management,Planning and Execution ,Risk Management
Test Analyst	Requirement analysis,test design ,test execution,reporting
Tester	Test case creation ,test execution ,defect reporting ,collaboration
Test Lead	Test strategy,team leadership

8.Resource Planning

-Human Resources:QA Lead,Test Engineers,Developer (for defect fixing),Project Manager/Product Owner (for coordination and prioritization).

-Hardware Requirements:PC/laptops .

-Software Requirements:Project management tools: ‘Trello’ and Browsers (Chrome)