

# Functional Requirements Specification (FRS)

## 1. Introduction

Objective: Define the functional requirements for the web application (e.g., dodo.quantumunique.tech).

Scope: This document outlines the core functionalities and testable conditions for manual testing.

Intended Users: QA engineers, developers, stakeholders.

## 2. Functional Requirements

FR-1: User Login

- Preconditions: User must have credentials.
- Steps:
  1. Navigate to /login
  2. Enter email and password
  3. Click Login
- Expected Result: Redirect to dashboard upon success

FR-2: Task Creation

- Preconditions: User must be logged in
- Steps:
  1. Click "Add Task"
  2. Enter task details
  3. Save task
- Expected Result: Task appears in the list

## 3. User Roles & Permissions

- Admin: Full access
- User: Limited to personal tasks

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## 4. Input/Output Specifications

Input: Email, password, task text, due date

Output: Confirmation messages, task listings

## 5. Use Cases

Use Case 1: Create a Task

Actor: User

Description: Creates and saves a new task

## 6. Acceptance Criteria

Each feature must be testable, and pass all related test cases to be accepted.

## 7. Constraints & Assumptions

- Supports modern browsers only
- Assumes stable internet connection

## 8. Traceability Matrix

FR-1 -> TC-001, TC-002, TC-003

FR-2 -> TC-004, TC-005

## 9. Glossary

FR - Functional Requirement

TC - Test Case