Test Project - SDLC Documents

Generated on July 04, 2025

# Table of Contents

1. Software Requirements Specification (SRS)

2. System Design Document

3. Implementation Plan

# 1. Software Requirements Specification (SRS)

## Test Project

### Overview

This is a test project overview

### Scope

Test project scope

### Functional Requirements

**FR1:** Test functional requirement 1

**FR2:** Test functional requirement 2

### Non-Functional Requirements

**NFR1 (Performance):** Test non-functional requirement 1

### User Stories

**US1:** As a user, I want to test the system

### Acceptance Criteria

* Test acceptance criteria 1
* Test acceptance criteria 2

# 2. System Design Document

### Architecture Type

Microservices

### Components

**Component 1:** Test component 1

**Component 2:** Test component 2

### Data Models

**User:** Fields: id, name, email, Relationships: has many posts

### API Endpoints

**GET /api/users:** Get all users

### Technology Stack

**Frontend:** React, TypeScript

**Backend:** Python, Flask

### Security Considerations

* Authentication required
* Data encryption

# 3. Implementation Plan

### Timeline

Total Hours: 80 | Total Days: 10 | Total Weeks: 2

### Phases

**Phase 1:** 40 hours (5 days) - Development phase

### Tasks

**Task 1:** 8 hours - Test task 1

### Milestones

**Milestone 1:** Test deliverable

### Resource Allocation

Developers needed: 2

Roles: Developer, Tester