# Software Architecture Overview

*Purpose:* This document provides a high-level summary of the software system's architecture, outlining its main components, structure, technologies, and how components interact. It is intended to support stakeholders in understanding the design and architectural vision of the system.

## 1. System Overview

**System Name:** {systemName}

**Description:** {systemDescription}

**Primary Stakeholders:** {stakeholders}

**Version:** {version}

**Last Updated:** {lastUpdated}

## 2. Architectural Goals

{architecturalGoals}

## 3. High-Level Architecture Diagram

The following diagram visually represents the high-level architecture of the system:

Architecture Diagram URL: {&diagramUrl}

## 4. System Components

{#components}

* **Component Name:** {name}
**Description:** {description}
**Type:***{type}*
Main Technologies: {technologies}

{/components}

## 5. Component Interactions

{#interactions}

* **From:** {fromComponent}
**To:** {toComponent}
**Interaction Type:** {type}
*Description:* {description}

{/interactions}

## 6. Technology Stack

|  |  |
| --- | --- |
| **Layer** | **Technologies** |
| {#techStack}{layer} | {technologies}{/techStack} |

## 7. Deployment Architecture

{deploymentDescription}

Deployment Diagram URL: {&deploymentDiagramUrl}

## 8. Non-Functional Requirements

{#nfrs}

* **{title}:** {detail}

{/nfrs}

## 9. Assumptions and Constraints

**Assumptions:**

{#assumptions}

* {assumption}

{/assumptions}

**Constraints:**

{#constraints}

* {constraint}

{/constraints}

## 10. Future Considerations

{futureConsiderations}

## 11. Appendix

**References:**

{#references}

* **{title}**: *{link}*

{/references}