# Data Flow Diagram

**Purpose:** This document provides a structured visual representation of the flow of data within a particular system or process. It illustrates how data moves from input to output, the processes involved, and the data storage points. This documentation is essential for system design, troubleshooting, and enhancement in IT and engineering contexts.

## System Overview

**System Name:** {systemName}

**Version:** {systemVersion}

**Author:** {author}

**Date:** {date}

**Description:** {systemDescription}

## Data Flow Diagram

The diagram below illustrates the data flow structure. Each numbered step corresponds to a process, data store, or external entity involved in the system.

Note: Insert corresponding graphical diagram separately where the section "Data Flow Diagram" is described.

## Processes

|  |  |  |
| --- | --- | --- |
| **Process ID** | **Process Name** | **Description** |
| {#processes}{processId} | {processName} | {processDescription}{/processes} |

## Data Stores

|  |  |  |
| --- | --- | --- |
| **Store ID** | **Store Name** | **Description** |
| {#dataStores}{storeId} | {storeName} | {storeDescription}{/dataStores} |

## External Entities

|  |  |  |
| --- | --- | --- |
| **Entity ID** | **Entity Name** | **Description** |
| {#externalEntities}{entityId} | {entityName} | {entityDescription}{/externalEntities} |

## Data Flows

|  |  |  |  |
| --- | --- | --- | --- |
| **Flow ID** | **Source** | **Destination** | **Data Description** |
| {#dataFlows}{flowId} | {source} | {destination} | {flowDescription}{/dataFlows} |

## Assumptions

{#assumptions}

* {assumption}

{/assumptions}

## Constraints

{#constraints}

* {constraint}

{/constraints}

## Responsible Team Members

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Contact** |
| {#teamMembers}{name} | {role} | {contact}{/teamMembers} |

## Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Changes** | **Updated By** |
| {#revisions}{version} | {revisionDate} | {changes} | {updatedBy}{/revisions} |