**Project Design Phase-II**

**Data Flow Diagram & User Stories**

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| Date | 31 January 2025 |
| Team ID: | LTVIP2025TMID28567 |
| Project Name: | Importing and Securing Data in ServiceNow |
| Maximum Marks | 4 Marks |

**Data Flow Diagrams:** In this context, the DFD represents how data is securely imported into ServiceNow

using Import Sets, Transform Maps, MID Server for secure transmission, and ACLs for access control. The diagram

will show

external data sources, secure channels, import modules, and audit logging.

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and

clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the

system, what changes the information, and where data is stored.

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| External Source |--(CSV/XML)->| 1. Data Import |--->(raw)--> | 2. Staging Table |

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| 3. ACL Enforcement|

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| 4. Transformation Map |

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| 5. Secure Target Table |

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| 6. Logging/Audit Logs |

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**User Stories:**

Use the below template to list all the user stories for the product.

**Importing Data:**

As a Data Admin, I want to import data from external sources (CSV, Excel, REST API), so that it can be

processed inside ServiceNow.

**Preview Before Import:**

As a Data Admin, I want to preview and validate imported data before committing it, to ensure accuracy.

**Schedule Import:**

As a Data Admin, I want to schedule recurring data imports, so I don’t have to do it manually.