**CMIS-4900-400**

**Team 2**

**Production Data Information System**

**DFD PROCESS 1**

**A diagram of a software application

AI-generated content may be incorrect.**

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| **Label:** | AUTHORIZE USER DETAILS |
| **Entry Type:** | Process |
| **Description:** | Receive Department Manager user credentials for authorization and verify role with ACTIVE DIRECTORY. |
| **Process #:** | 1.1 |
| **Process Description:** | Input Data Flows:   1. DEPARTMENT MANAGER USER AUTHENTICATION   Output Data Flows:   1. VERIFY USER & ROLE   RECEIVE the DEPARTMENT MANAGER USER AUTHENTICATION from the DEPARTMENT USER INTERFACES entity.  VERIFY USER & ROLE with the ACTIVE DIRECTORY entity. |
| **Notes:** | Department user authorization credentials must be verified for role and access privilege with Active Directory before approvals and sent notifications are generated. |

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| **Label:** | ROLE & ACCESS PRIVILEGES APPROVAL |
| **Entry Type:** | Process |
| **Description:** | Receive role & access approvals for corresponding Department Manager user credentials and allow respective access privileges for each Department Manager. |
| **Process #:** | 1.2 |
| **Process Description:** | Input Data Flows:   1. USER APPROVED & ROLE ACCESS GRANTED   Output Data Flows:   1. AUTHENTICATION SUCCESS ACCESS APPROVAL   RECEIVE the USER APPROVED & ROLE ACCESS GRANTED notification from the ACTIVE DIRECTORY entity.  SEND the AUTHENTICATION SUCCESS ACCESS APPROVAL authorization to DEPARTMENT USER INTERFACES. |
| **Notes:** | Once authorization and the corresponding access privileges have been approved, Fabrication and Machine Shop Department Managers are granted C/U/D (Create, Update, Delete (soft-delete)) privileges. Quality and Shipping Department Managers are granted Read-Only privileges. |