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| **DATA STORE DESCRIPTION FORM**   |  |  |  | | --- | --- | --- | | **ID** | **NAME** | **DESCRIPTION** | | D1 | CUSTOMER INFO | Contains information about all customers in the system |   **TYPE OF DATA FLOW**  **File Screen Report Form Internal**  **FILE FORMAT**  **Database Indexed** |
| **DATA STRUCTURE TRAVELING WITH THE FLOW VOLUME/TIME**  **Data store 10/hour** |
| **COMMENTS:** The customer info is a data store that keeps track of all the customers in the banking system. |

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| **DATA STORE DESCRIPTION FORM**   |  |  |  | | --- | --- | --- | | **ID** | **NAME** | **DESCRIPTION** | | D2 | EMPLOYEE | Contains information about all employed staff in the system |   **TYPE OF DATA FLOW**  **File Screen Report Form Internal**  **FILE FORMAT**  **Database Indexed** |
| **DATA STRUCTURE TRAVELING WITH THE FLOW VOLUME/TIME**  **Data store 10/hour** |
| **COMMENTS:**The employee is a data store that keeps track of all the employed staff in the banking system. |

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| **DATA STORE DESCRIPTION FORM**   |  |  |  | | --- | --- | --- | | **ID** | **NAME** | **DESCRIPTION** | | D3 | LOGIN | Contains login details of the staff and customers in the system |   **TYPE OF DATA FLOW**  **File Screen Report Form Internal**  **FILE FORMAT**  **Database Indexed** |
| **DATA STRUCTURE TRAVELING WITH THE FLOW VOLUME/TIME**  **Login credentials 10/hour** |
| **COMMENTS:** The login data store keeps track of the user id for the login. |

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| **DATA STORE DESCRIPTION FORM**   |  |  |  | | --- | --- | --- | | **ID** | **NAME** | **DESCRIPTION** | | D4 | TRANSACTION INFO | Contains information about the transactions carried on in the system |   **TYPE OF DATA FLOW**  **File Screen Report Form Internal**  **FILE FORMAT**  **Database Indexed** |
| **DATA STRUCTURE TRAVELING WITH THE FLOW VOLUME/TIME**  **Data store 10/hour** |
| **COMMENTS:** The transaction info data store tracks all the transactions and the date carried out. |

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| **DATA STORE DESCRIPTION FORM**   |  |  |  | | --- | --- | --- | | **ID** | **NAME** | **DESCRIPTION** | | D5 | DEPOSIT | Keeps information about the deposits made on the system |   **TYPE OF DATA FLOW**  **File Screen Report Form Internal**  **FILE FORMAT**  **Database Indexed** |
| **DATA STRUCTURE TRAVELING WITH THE FLOW VOLUME/TIME**  **Deposit Data Store 10/hour** |
| **COMMENTS:** The Deposit data store keeps track of all the deposits and the date made in the banking system. |

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| **DATA STORE DESCRIPTION FORM**   |  |  |  | | --- | --- | --- | | **ID** | **NAME** | **DESCRIPTION** | | D6 | WITHDRAWAL | Keeps information about the withdrawals made on the system |   **TYPE OF DATA FLOW**  **File Screen Report Form Internal**  **FILE FORMAT**  **Database Indexed** |
| **DATA STRUCTURE TRAVELING WITH THE FLOW VOLUME/TIME**  **Withdrawal Data Store 10/hour** |
| **COMMENTS:** The Withdrawal data store keeps track of all the withdrawals and the date made in the banking system. |

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| **Data Flow Description**  **ID: 1**  **Name: Customer details**  **Description: Puts in a new customer information or details into the banking system** | |
| **Source: Customer, Registration** | **Destination: System, Customer Info** |
| **Type of data flow:**  **\_ File** \_Screen \_Report \_Form \_Internal | |
| **Data Structure Travelling with the Flow:**  **Customer Info** | **Volume/Time:**  **10/hours** |
| **Comments:**  **The customer details data flow carries the new customer information to the system.** | |

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| **Data Flow Description**  **ID: 4**  **Name: Staff details**  **Description: Puts in a new staff information or details into the banking system** | |
| **Source: Registration** | **Destination: Employee Data Store** |
| **Type of data flow:**  **\_ File** \_Screen \_Report \_Form \_Internal | |
| **Data Structure Travelling with the Flow:**  **Customer Info** | **Volume/Time:**  **10/hours** |
| **Comments:**  **The staff details data flow carries the new staff information to the system.** | |

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| **Data Flow Description**  **ID: 5**  **Name: Data Store**  **Description: Carries the staff and the customer details to the data store** | |
| **Source: Registration** | **Destination: Customer Info, Employee Data Stores** |
| **Type of data flow:**  \_ File \_Screen \_Report \_Form **\_Internal** | |
| **Data Structure Travelling with the Flow:**  **Customer Info, Employee Data Store** | **Volume/Time:**  **10/hours** |
| **Comments:**  **It’s an important that flows data to the data stores stated above.** | |

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| **Data Flow Description**  **ID: 2**  **Name: Manage Customer Details, Manage Transactions**  **Description: Supervises and update the customer information or details into the banking system and also manages the transactions carried out by the customer** | |
| **Source: System** | **Destination: Admin** |
| **Type of data flow:**  \_ File **\_Screen** \_Report \_Form \_Internal | |
| **Data Structure Travelling with the Flow:**  **Customer Details Management and Customer Transaction Management** | **Volume/Time:**  **10/hours** |
| **Comments:**  **The admin or bank manager supervises and update the customer details and their transactions made in the system.** | |

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| **Data Flow Description**  **ID: 3**  **Name: Customer details**  **Description: Puts in the customer information or details into the banking system** | |
| **Source: Customer** | **Destination: System, Registration** |
| **Type of data flow:**  **\_ File** **\_Screen** \_Report **\_Form** \_Internal | |
| **Data Structure Travelling with the Flow:**  **Customer Info** | **Volume/Time:**  **10/hours** |
| **Comments:**  **The customer details data flow carries the customer information to the system.** | |

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| **Data Flow Description**  **ID: 6,7**  **Name: Username and Password**  **Description: This flow shows the login credentials used to login to the system** | |
| **Source: Customer, Staff, Admin** | **Destination: Login Process** |
| **Type of data flow:**  \_ File **\_Screen** \_Report \_Form **\_Internal** | |
| **Data Structure Travelling with the Flow:**  **Customer Info** | **Volume/Time:**  **10/hours** |
| **Comments:**  **It’s used to login to the system using the account number as the user Id and the account name as the username.** | |

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| **Data Flow Description**  **ID: 8,9**  **Name: Deposit and Withdrawal Amount**  **Description: Carries the deposit and the withdrawal amount of each transaction made** | |
| **Source: Transaction** | **Destination: Transaction Info Data Store** |
| **Type of data flow:**  \_ File  **\_Screen**  \_Report **\_Form** \_Internal | |
| **Data Structure Travelling with the Flow:**  **Deposit Amount & Withdrawal Amount** | **Volume/Time:**  **10/hours** |
| **Comments:**  **These flows carries data about deposit and withdrawal to the system and also the date of transaction** | |

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| **Data Flow Description**  **ID: 10**  **Name: Receipt**  **Description: Printed to the customer after transaction containing the customer’s transaction summary.** | |
| **Source: Transaction** | **Destination: Customer** |
| **Type of data flow:**  \_ File \_Screen **\_Report** \_Form \_Internal | |
| **Data Structure Travelling with the Flow:**  **Receipt** | **Volume/Time:**  **10/hours** |
| **Comments:**  **It’s a paper printed out for the customer transaction.** | |

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| **Data Flow Description**  **ID: 12**  **Name: Valid Pin/Username, Invalid Pin/Username**  **Description: Accept valid pin and password and notifies if wrong password or username** | |
| **Source: Authentication** | **Destination: Login** |
| **Type of data flow:**  \_ File **\_Screen** \_Report \_Form **\_Internal** | |
| **Data Structure Travelling with the Flow:**  **Valid Pin, Valid Password, Invalid Pin, Invalid Password** | **Volume/Time:**  **10/hours** |
| **Comments: Accept valid pin and password and notifies if wrong password or username.** | |

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| **Data Flow Description**  **ID: 13**  **Name: Status**  **Description: Checks the status of the login credentials from the login data store.** | |
| **Source: Authentication** | **Destination: Login Data Store** |
| **Type of data flow:**  \_ File **\_Screen \_Report** \_Form **\_Internal** | |
| **Data Structure Travelling with the Flow:**  **Status** | **Volume/Time:**  **10/hours** |
| **Comments:**  **Checks the status of the login credentials from the login data store and prompt the authentication if wrong or correct.** | |

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| **Process Description Form**  **ID: 1**  **Name: Registration**  **Description: This process takes both the staff and the customer details and register them to the system** | |
| **Input Data Flow: Customer details, Staff details** | **Output Data Flow: Data store, Data Store** |
| **Types of Process:**  \_Online \_Batch **\_Manual** | |
| **Process Logic: To register new customer or staff into the system** | |
| **Refer to Name:**  \_Structured\_Decision Table \_Decision Tree | |
| **Unresolved Issues:** | |

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| **Process Description Form**  **ID: 2**  **Name: Login**  **Description: This process gives access to registered staff or customers to the system.** | |
| **Input Data Flow: Username, Password** | **Output Data Flow: Login Credentials** |
| **Types of Process:**  \_Online **\_Batch** **\_Manual** | |
| **Process Logic: To secure the system** | |
| **Refer to Name:**  \_Structured\_Decision Table \_Decision Tree | |
| **Unresolved Issues:** | |

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| **Process Description Form**  **ID: 3**  **Name: Transactions**  **Description: This process gives secured way to enable the customers to make transactions via the system.** | |
| **Input Data Flow: Deposit Amount, Withdrawal Amount, Balance** | **Output Data Flow: Data store** |
| **Types of Process:**  \_Online **\_Batch**  **\_Manual** | |
| **Process Logic: To make withdrawals and deposit via the system** | |
| **Refer to Name:**  \_Structured\_Decision Table \_Decision Tree | |
| **Unresolved Issues:** | |

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| **Process Description Form**  **ID: 2.1**  **Name: Authentication**  **Description: This process confirms the login credentials by checking the available ones in the data store for corresponding with the inputted ones.** | |
| **Input Data Flow: Valid Pin, Valid Username, Valid Login Credentials** | **Output Data Flow: Invalid Pin, Invalid Username, Status** |
| **Types of Process:**  \_Online \_Batch **\_Manual** | |
| **Process Logic: To reduce the scam into the system** | |
| **Refer to Name:**  \_Structured\_Decision Table \_Decision Tree | |
| **Unresolved Issues:** | |

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| **Process Description Form**  **ID: 3.1**  **Name: Deposit**  **Description: This process takes enable a user or customer to make deposit into the bank.** | |
| **Input Data Flow: Amount, Account Number** | **Output Data Flow: Receipt, Deposit Data Store** |
| **Types of Process:**  \_Online \_Batch **\_Manual** | |
| **Process Logic: To enable smooth deposit into the system or bank.** | |
| **Refer to Name:**  \_Structured\_Decision Table \_Decision Tree | |
| **Unresolved Issues:** | |

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| **Process Description Form**  **ID: 3.2**  **Name: Withdrawal**  **Description: This process enables a user withdrawing any amount so far is available in his/her account** | |
| **Input Data Flow: Amount, Account Number** | **Output Data Flow: Withdrawal slip, Withdrawal Data Store** |
| **Types of Process:**  \_Online \_Batch **\_Manual** | |
| **Process Logic: To register new customer or staff into the system** | |
| **Refer to Name:**  \_Structured\_Decision Table \_Decision Tree | |
| **Unresolved Issues:** | |

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| **Process Description Form**  **ID: 3.3**  **Name: Check Balance**  **Description: This process enables a user to check his/her balance using the account number and account name** | |
| **Input Data Flow: Account Number, Account Name** | **Output Data Flow: Balance** |
| **Types of Process:**  \_Online \_Batch **\_Manual** | |
| **Process Logic: To register new customer or staff into the system** | |
| **Refer to Name:**  \_Structured\_Decision Table \_Decision Tree | |
| **Unresolved Issues:** | |