**Data Flow Diagram (DFD) for Agile Track System**

**Level 0 (Context Diagram)**

At the highest level, the Agile Track System interacts with external entities and processes data through different databases.

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| External Entities |

| - User (Admin, Employee) |

| - System APIs |

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| Agile Track System |

| (Process: 1.0) |

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| Data Store: |

| User |

| Task |

| Scrum |

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**Explanation:**

* **External Entities:** Users interact with the system to manage tasks and scrums.
* **Agile Track System (Process 1.0):** The main process that handles user authentication, task management, and scrum tracking.
* **Data Stores:** Stores user credentials, tasks, and scrum details.

**Level 1 DFD (Decomposition of Process)**

This breaks down the Agile Track System into detailed processes.

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| External Entity | | External Entity |

| (User) | | (Admin) |

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| Process: 1.1 - User | | Process: 1.2 - Admin |

| Authentication | | Authentication |

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| Data Store: User DB | | Data Store: User DB |

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| Process: 1.3 - Task Management |

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| Data Store: Task DB |

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| Process: 1.4 - ScrumTracking |

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| Data Store: Scrum DB |

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**Explanation:**

1. **Process 1.1 (User Authentication):**
   * Users input credentials (email/password) which are verified against User DB.
   * If valid, access is granted based on the role (Admin/Employee).
2. **Process 1.2 (Admin Authentication):**
   * Admin credentials are verified against User DB.
   * If valid, the admin can manage users, tasks, and scrums.
3. **Process 1.3 (Task Management):**
   * Users can create, assign, and update tasks.
   * Tasks are stored in the **DB**.
4. **Process 1.4 (Scrums Tracking):**
   * Admins define scrums, track progress, and assign users.
   * Scrum information is stored in the **DB**.