**DFD for Attendance System**

This level represents the overall system, where students and admins interact with the attendance system, which stores data in a central database.

### **Level 0 (Context Diagram)**

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| External Entities |

| - Student |

| - Admin |

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| Attendance System |

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| Database |

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### **Level 1 DFD**

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* **Students** log in or register, and their credentials are stored in the **User DB**.
* **Admins** authenticate via the **Admin DB**.
* Attendance is recorded and stored in the **Attendance DB** for further access.

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| Student/User | | Admin/Teacher |

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| User Login/Register | | Admin Authentication |

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| User DB | | Admin DB |

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| Record Attendance |

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| Attendance DB |

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### **Level 2 DFD**

* **User Login/Register**: Credentials are validated and stored in the **User DB**.
* **Record Attendance**: User identity is verified before marking attendance, which is then stored in the **Attendance DB**.

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| User Login/Register |

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| Validate Credentials |

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| Store in User DB |

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| Record Attendance |

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| Verify User Identity |

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| Mark Attendance |

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| Store in Attendance DB|

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### **Data Flow**

1. **Student** logs in/registers.
2. **System** validates and stores credentials.
3. **Student** marks attendance.
4. **System** verifies and stores attendance.
5. **Admin** accesses records.