



Architectural Design on Intern Placement Office System

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1. Architectural Design: OOP based

1.1 Representing the system in context

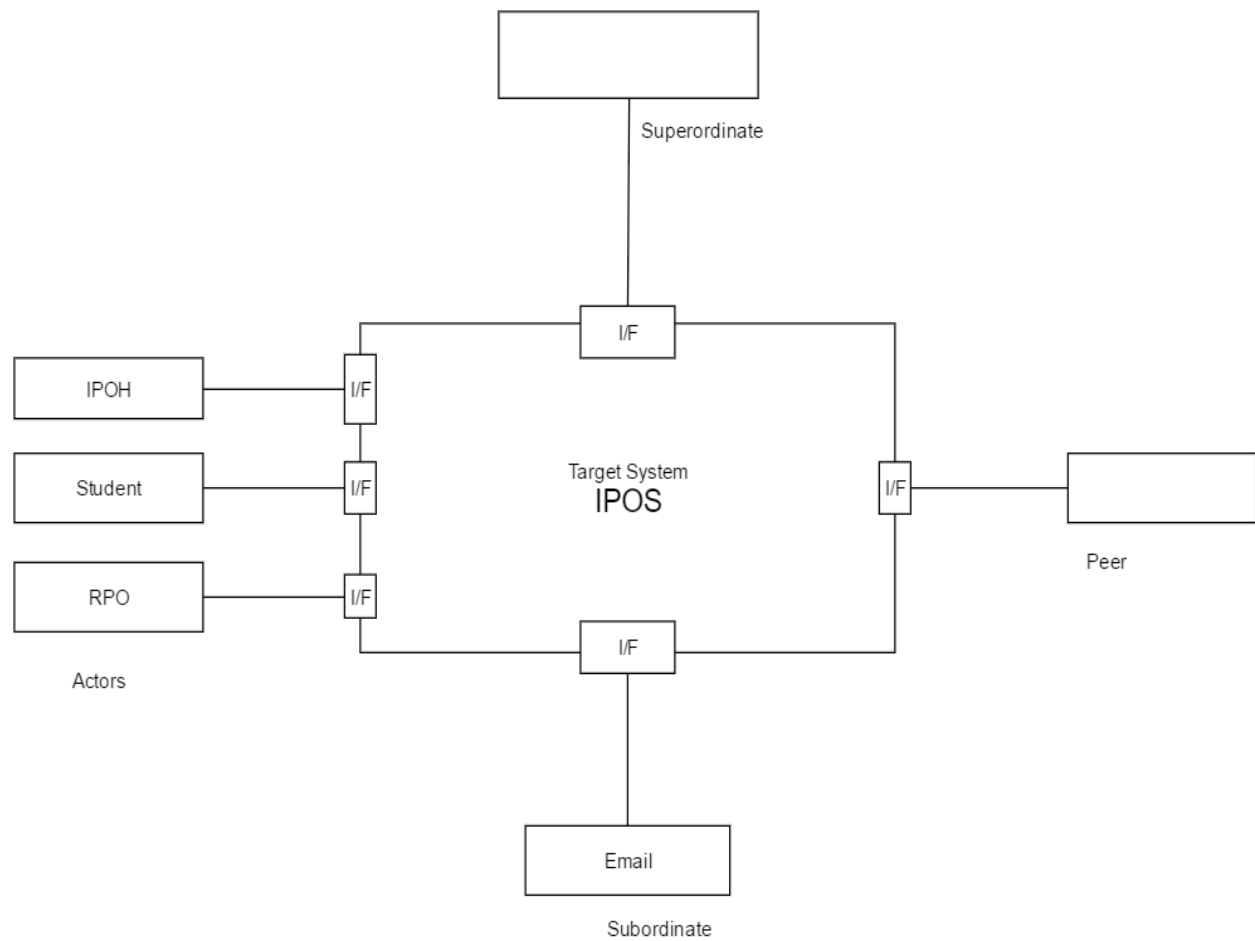


Figure 1 : Architectural Context Diagram of IPOS

1.2 Architypes

- Authentication
- Upload
- View
- Form fill up
- Allocation of Student

1.3 Refining Components:

- Registration
- Login
- Logout
- Approve user
- Upload Notice
- Upload Company information
- View Notice
- View Company information
- Form fill up
- Allocation of student
- Re-allocation of student

Classes:

- Authentication
- Upload
- View
- Form fill up
- Allocation of Student
- DAL

2. Architectural Design for Structured Programming:

2.1 Data flow diagram of “Intern Placement Office System”

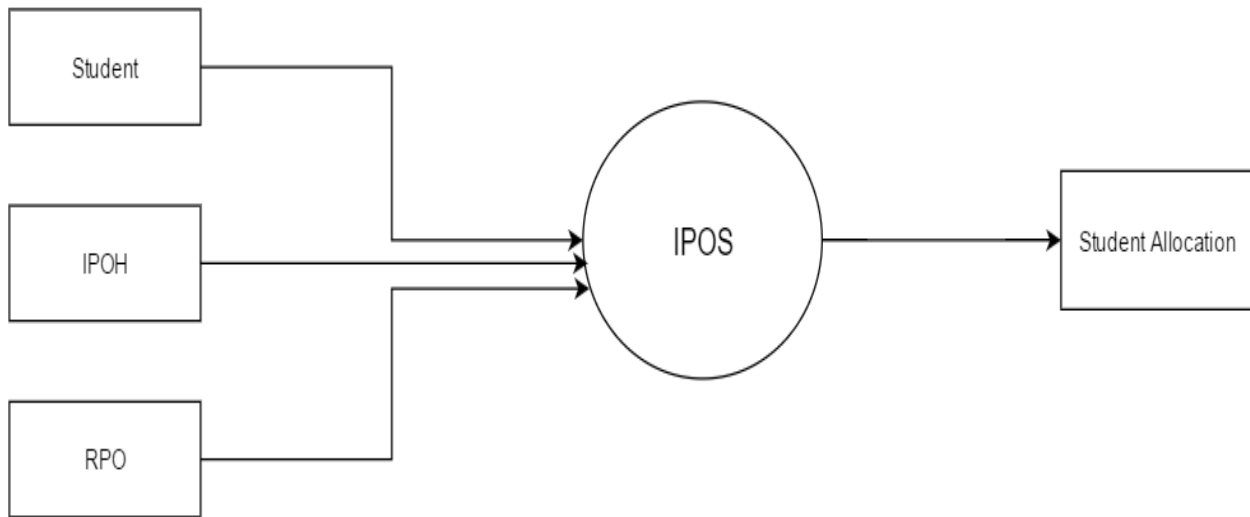


Figure 2: Level - 0 DFD of IPOS

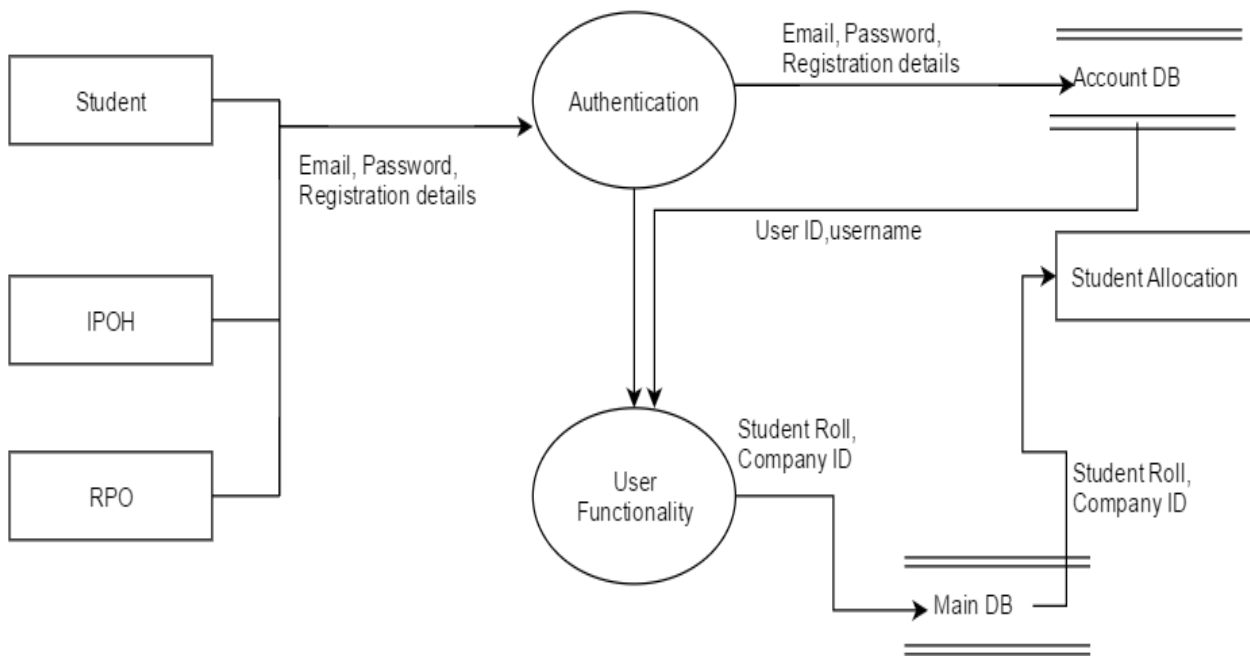


Figure 3: Level - 1 DFD of IPOS

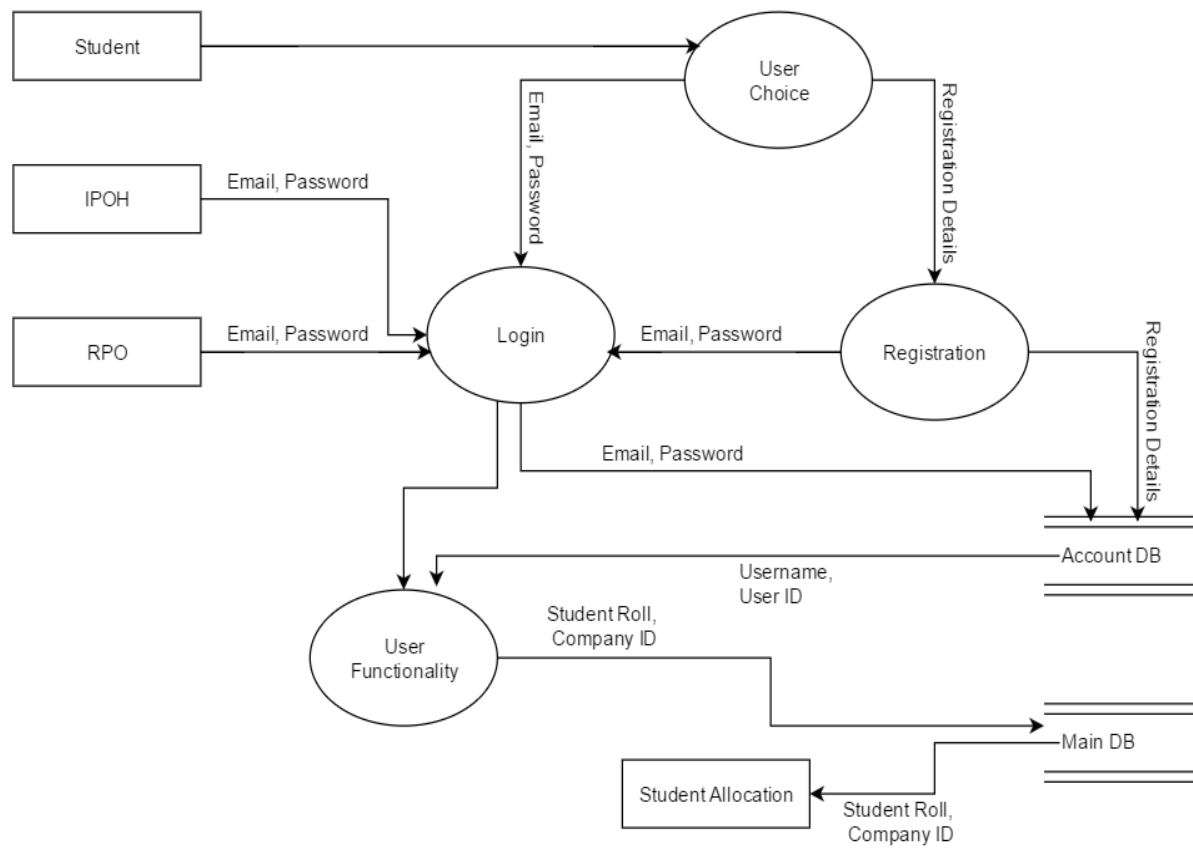


Figure 4: Level - 1.1 DFD of IPOs

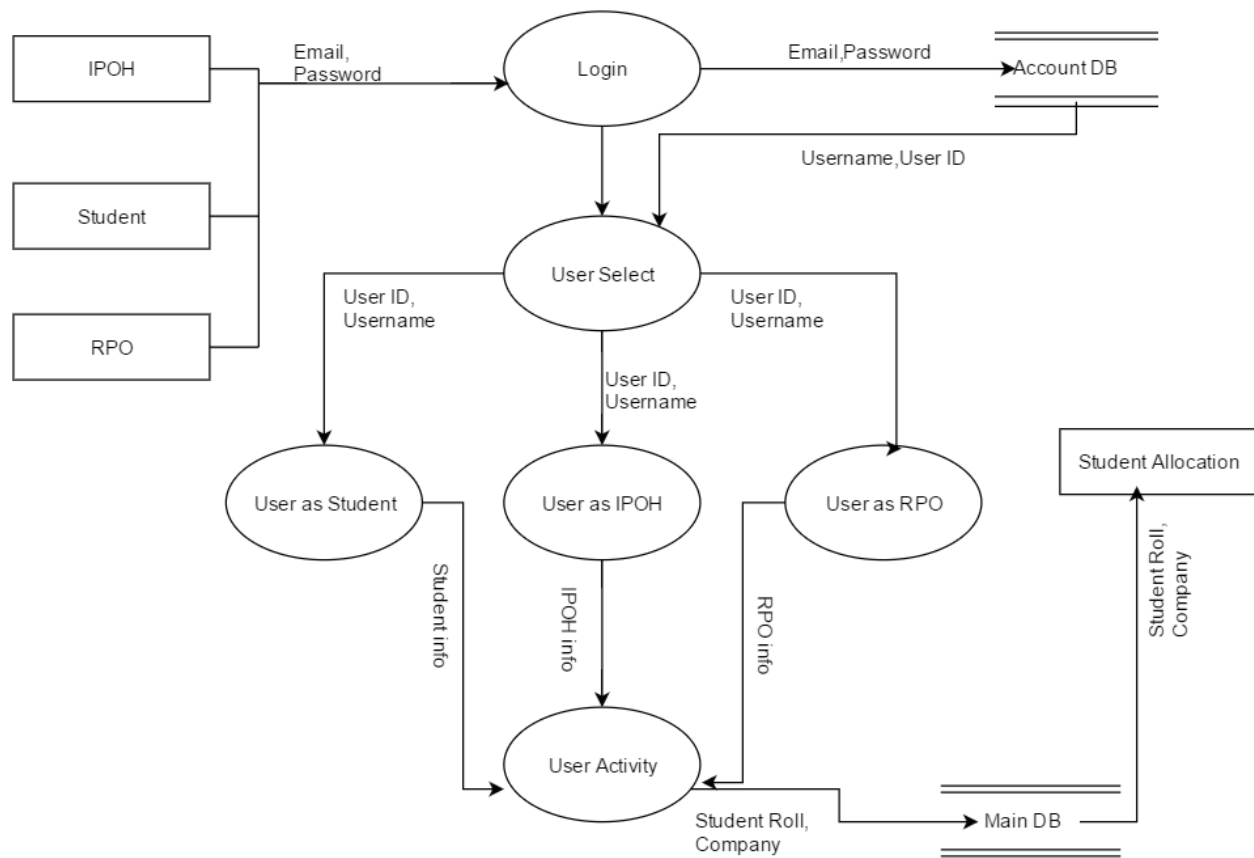


Figure 5: Level – 1.2 DFD of IPOs

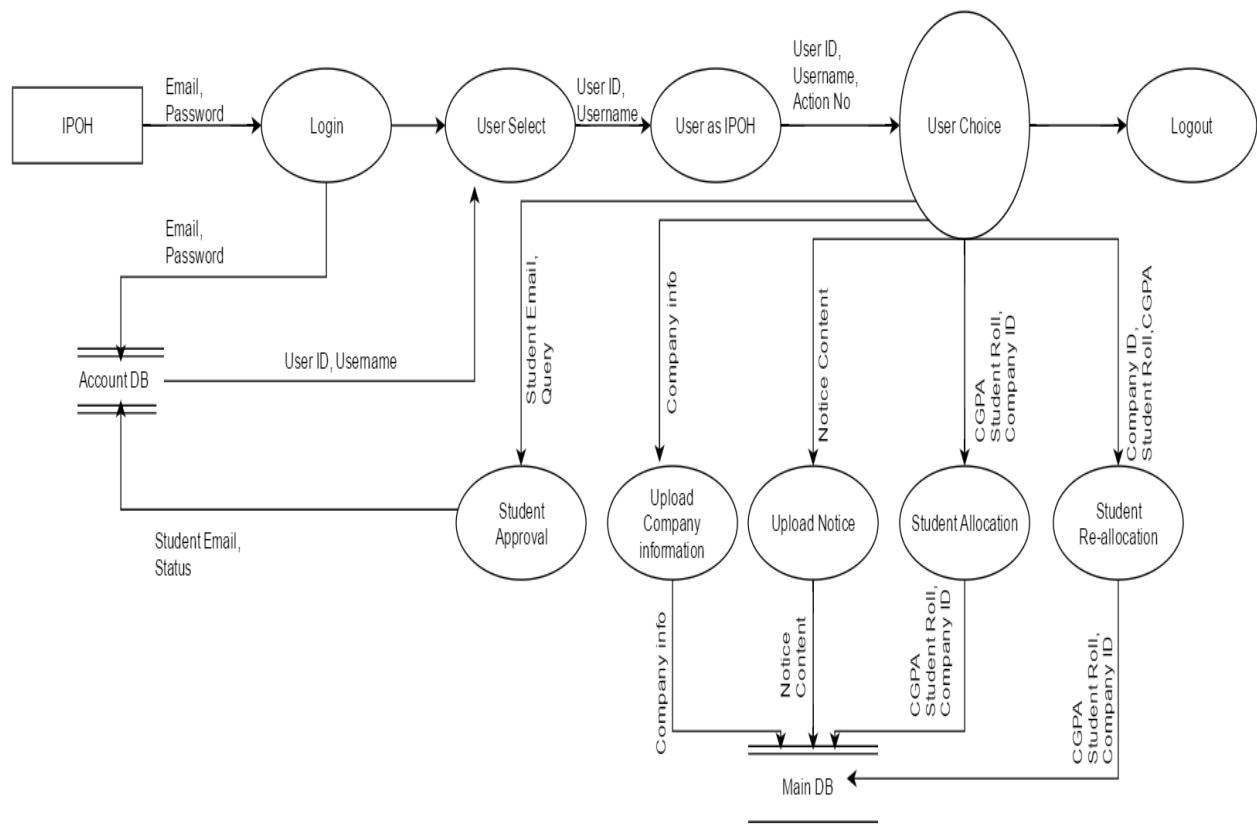


Figure 6: Level - 2.1 DFD of IPOS

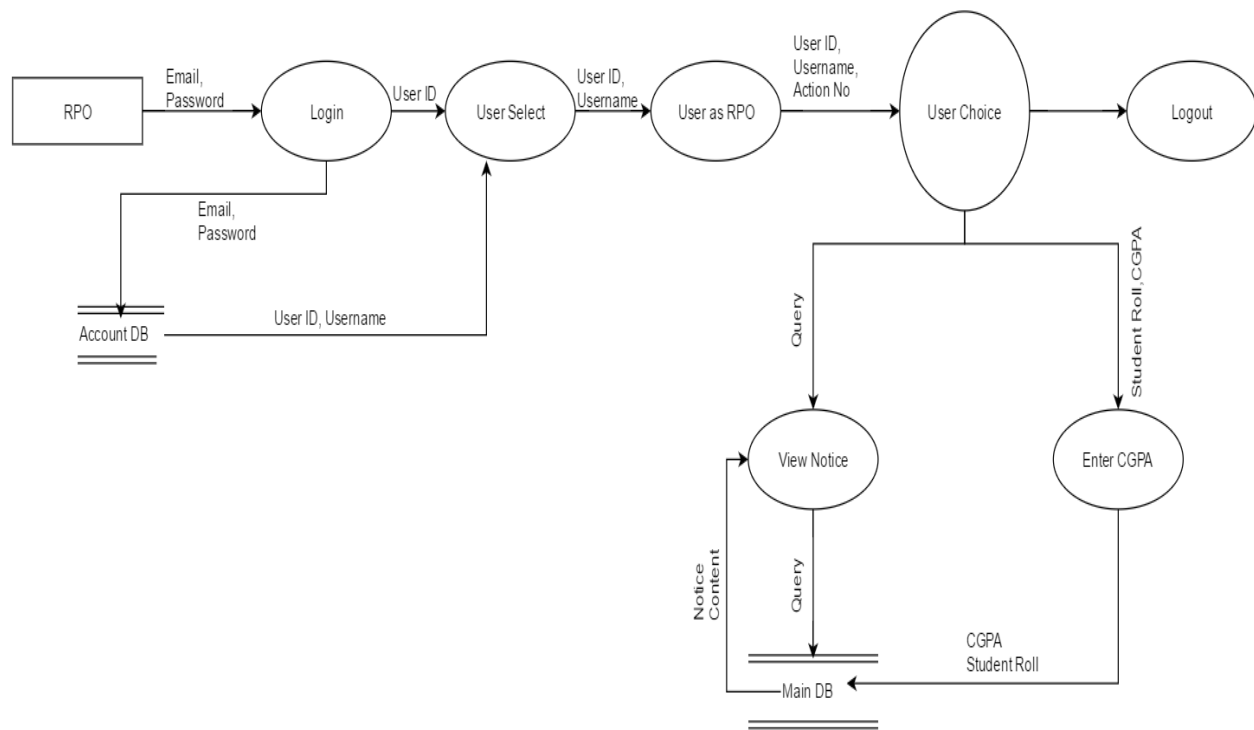


Figure 7: Level - 2.2 DFD of IPOS

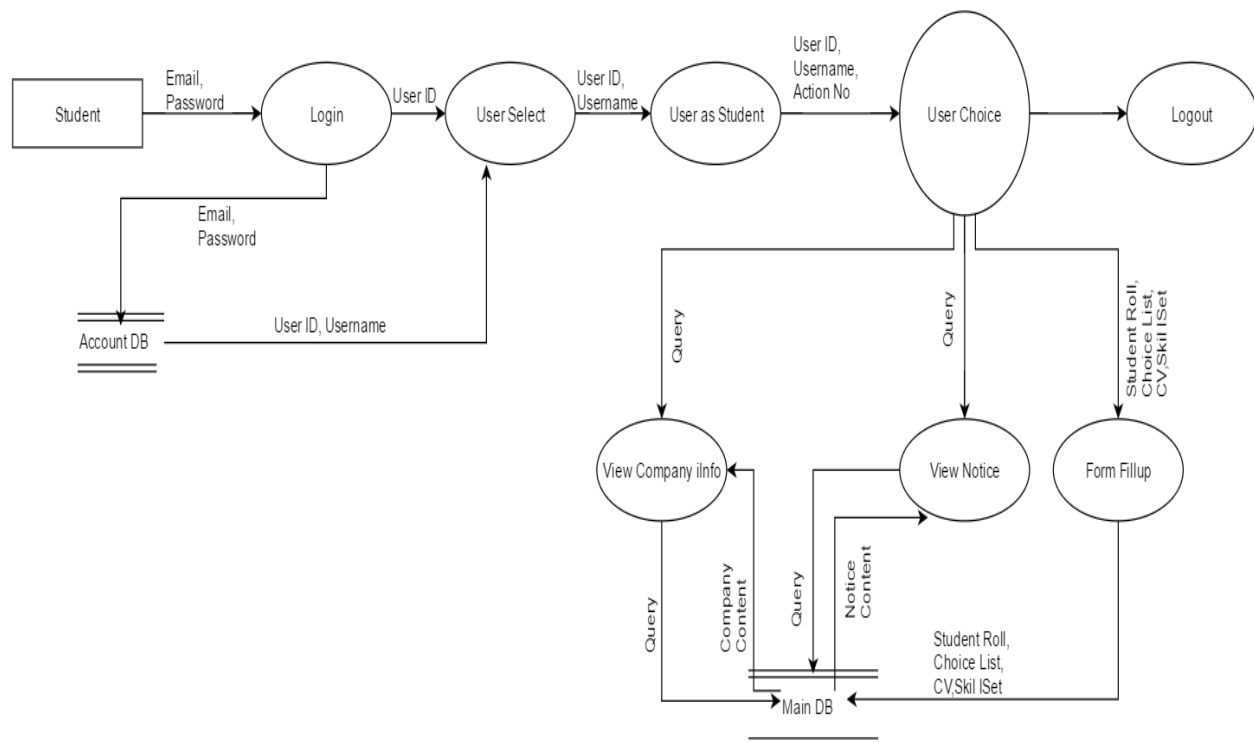


Figure 8: Level - 2.3 DFD of IPOS

2.2 Architectural Designs for DFD's of IPOS:

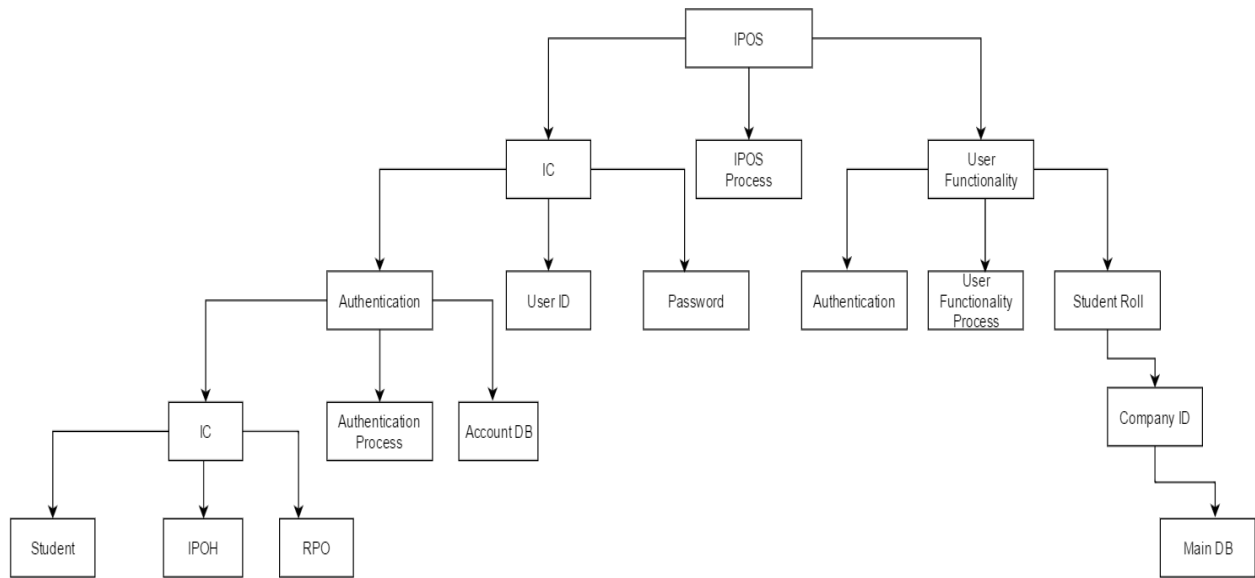


Figure 9: Architectural Design for Level-1 DFD

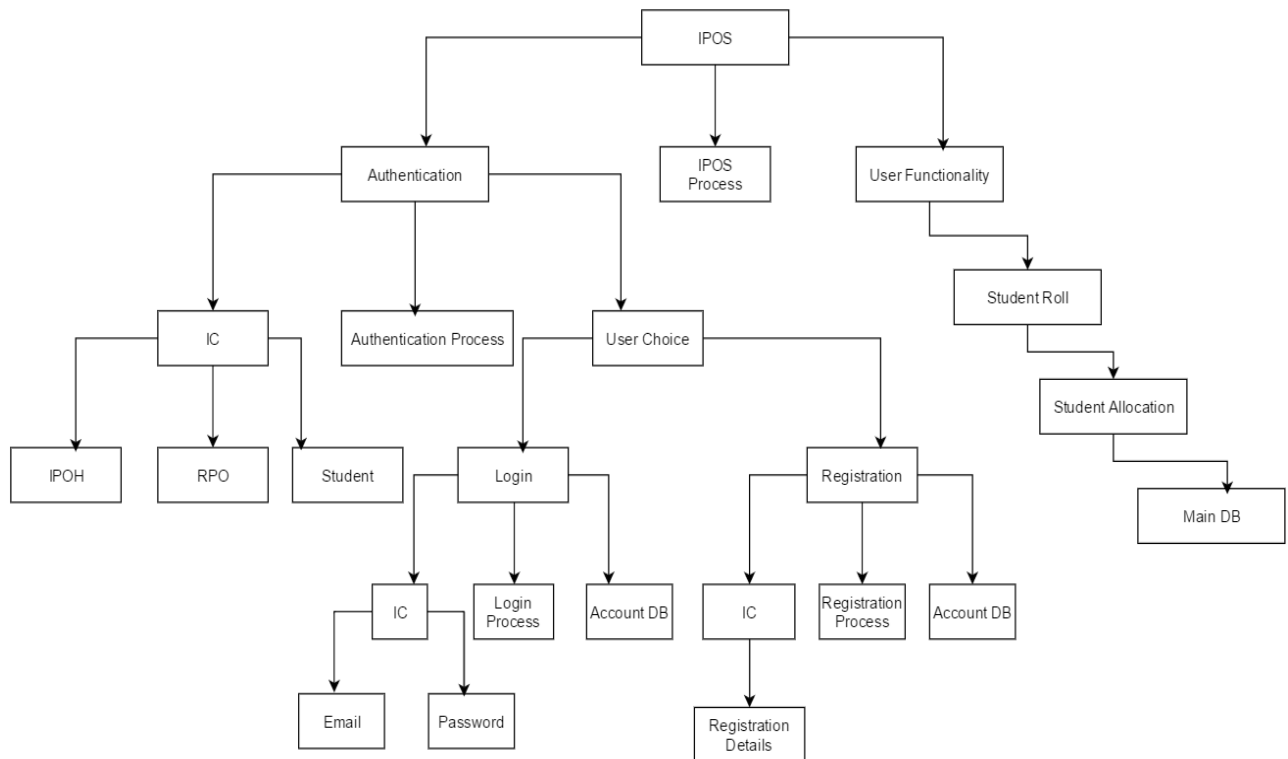


Figure 10: Architectural Design for Level-1.1 DFD

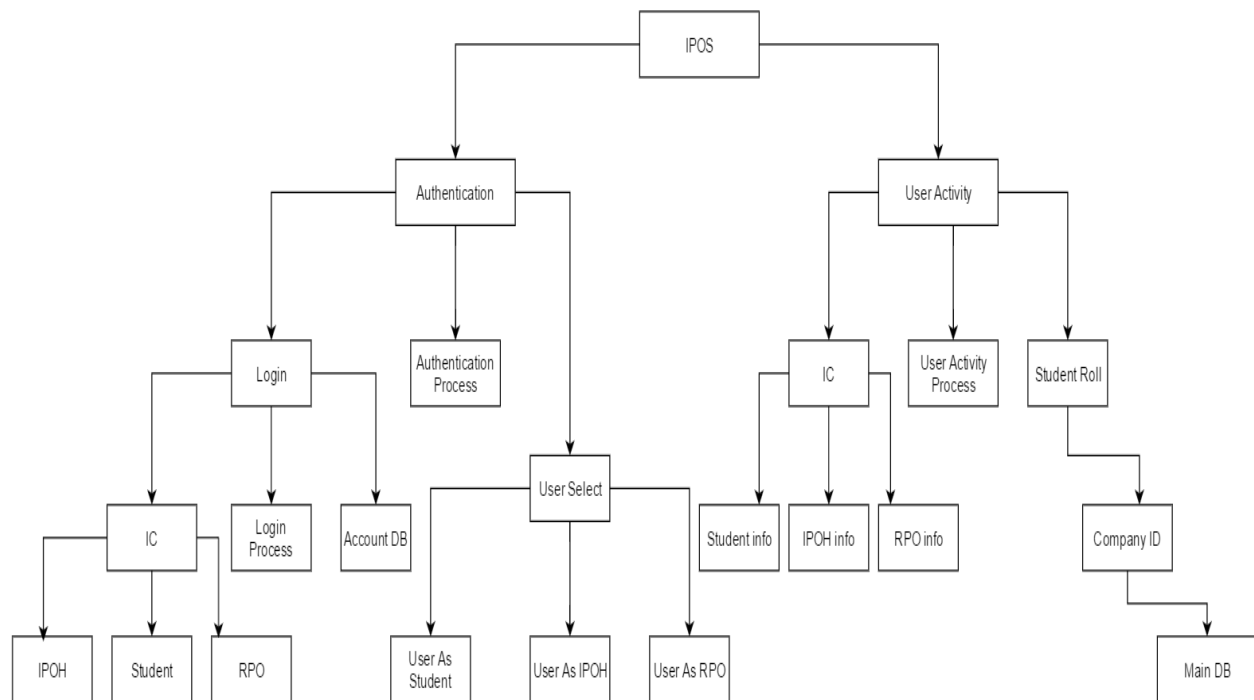


Figure 11:Architectural Design for Level-1.2 DFD

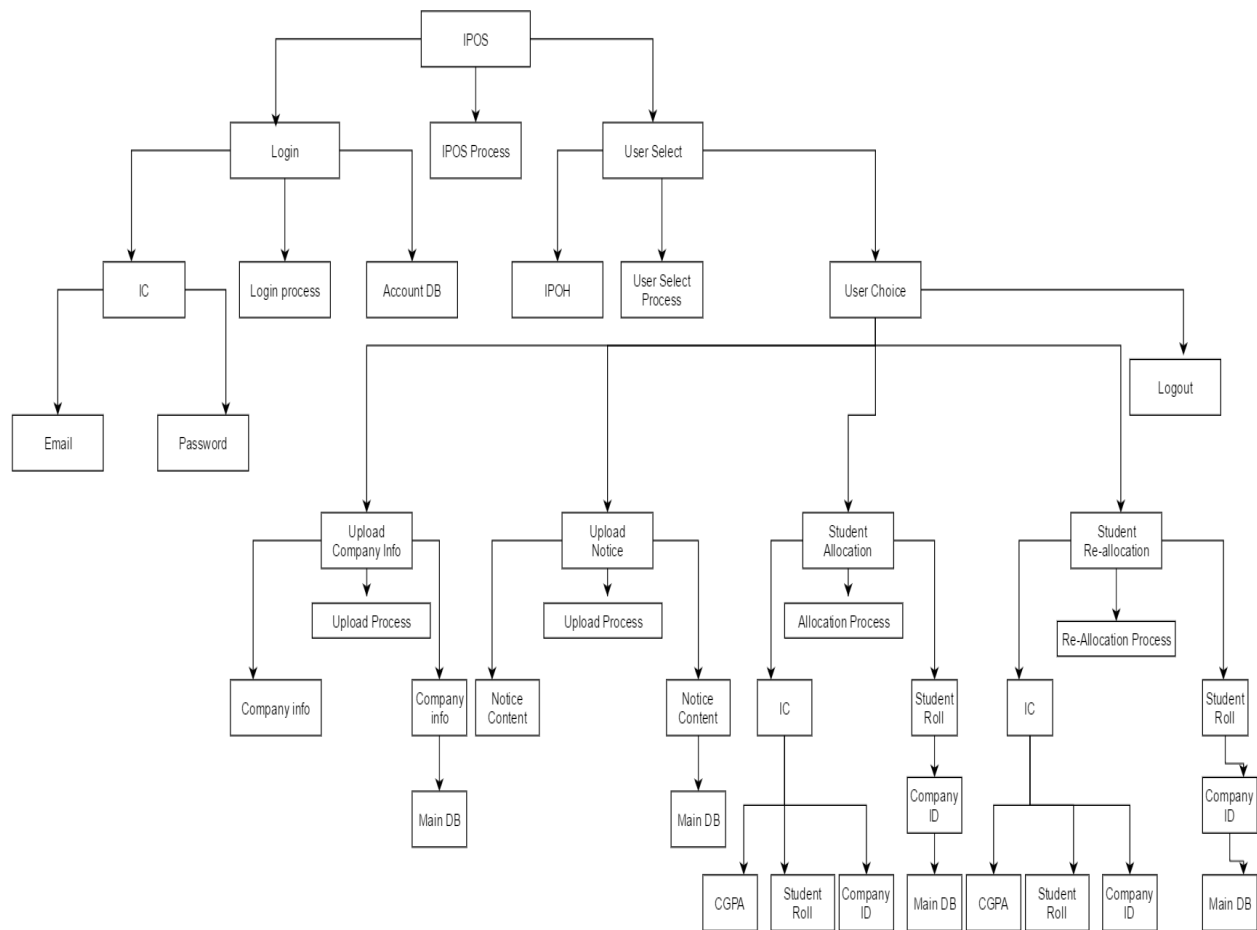


Figure 12: Architectural Design for Level-2.1 DFD

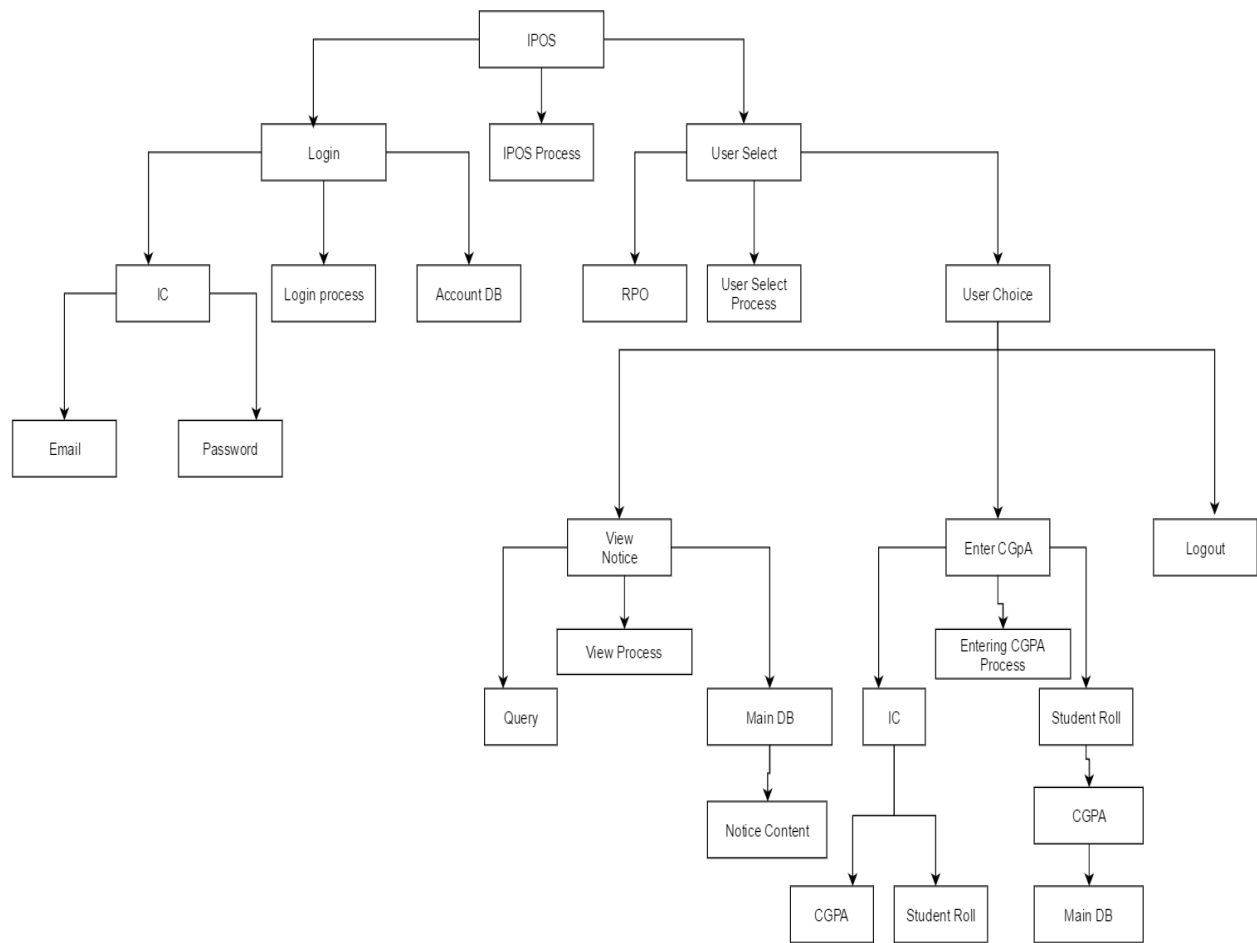


Figure 13: Architectural Design for Level-2.2 DFD

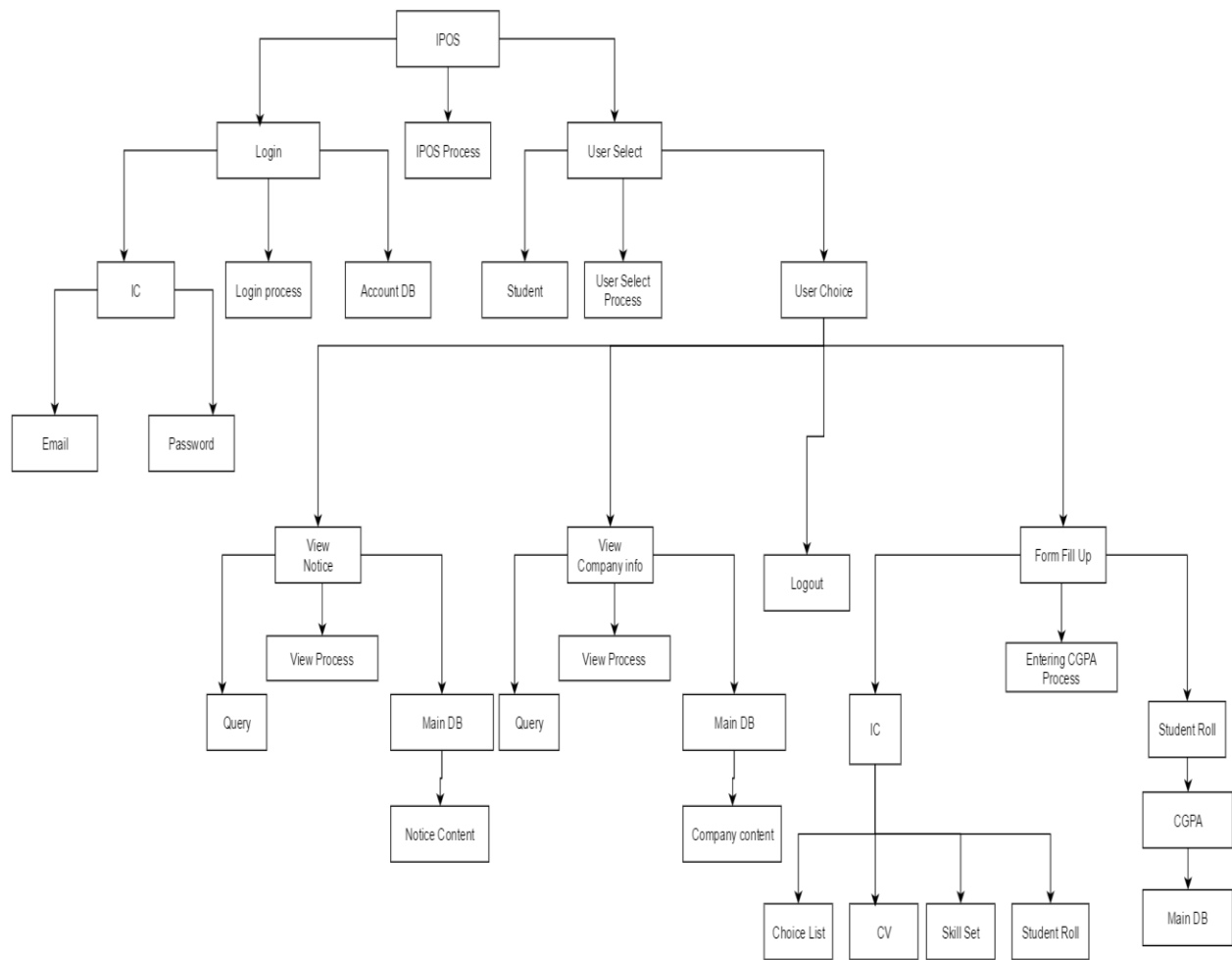


Figure 14:Architectural Design for Level-2.3 DFD