Architectural Design on

Intern Placement Office System

Contents

1.Architectural Design: OOP based

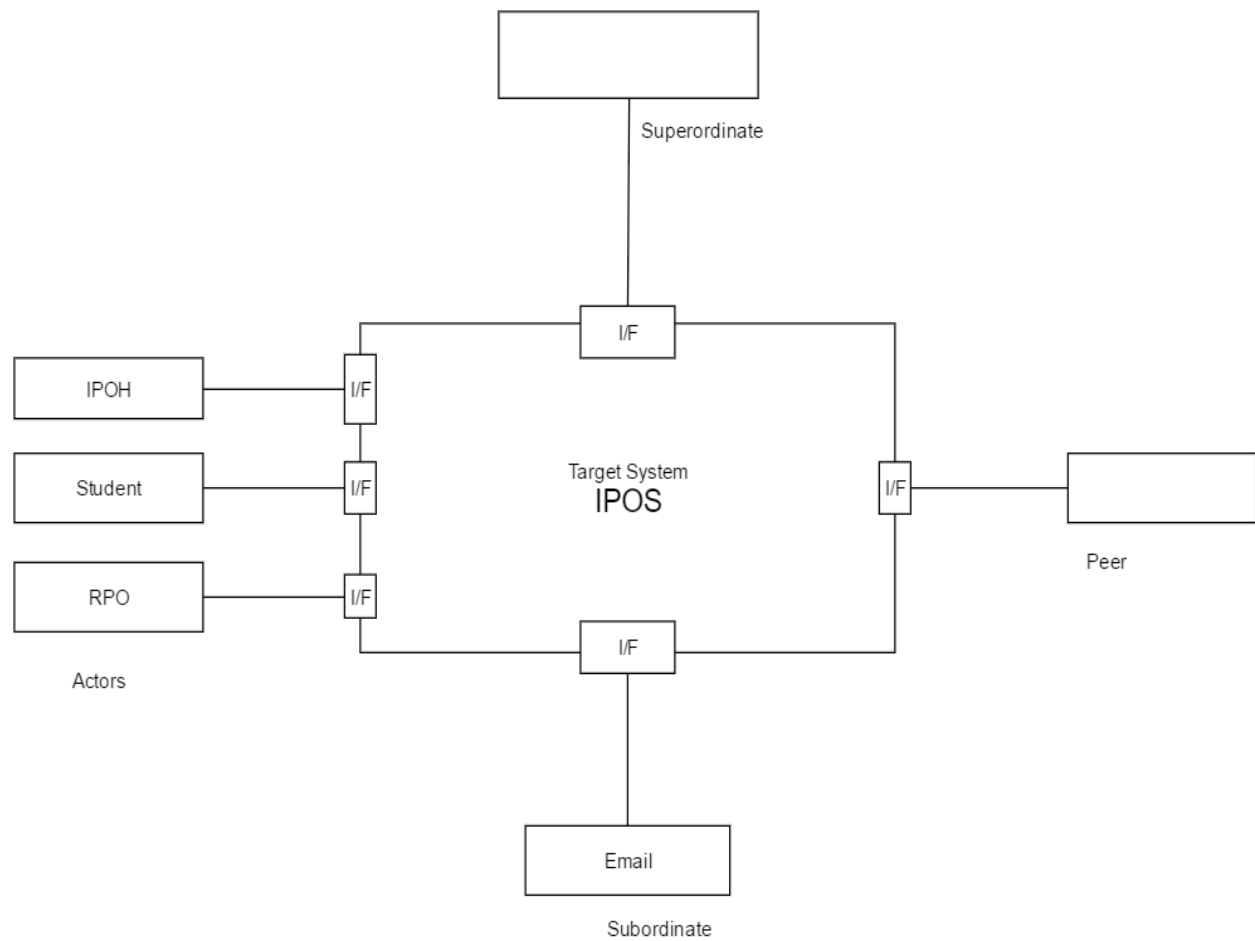## 1.1 Representing the system in context

Figure 1 : Architectural Context Diagram of IPOS

1.2 Arch](types

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

1.3 Refining Components:

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

Classes:

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

2. Architectural Design for Structured Programming:

2.1 Data flow diagram of "Intern Placement Office System"
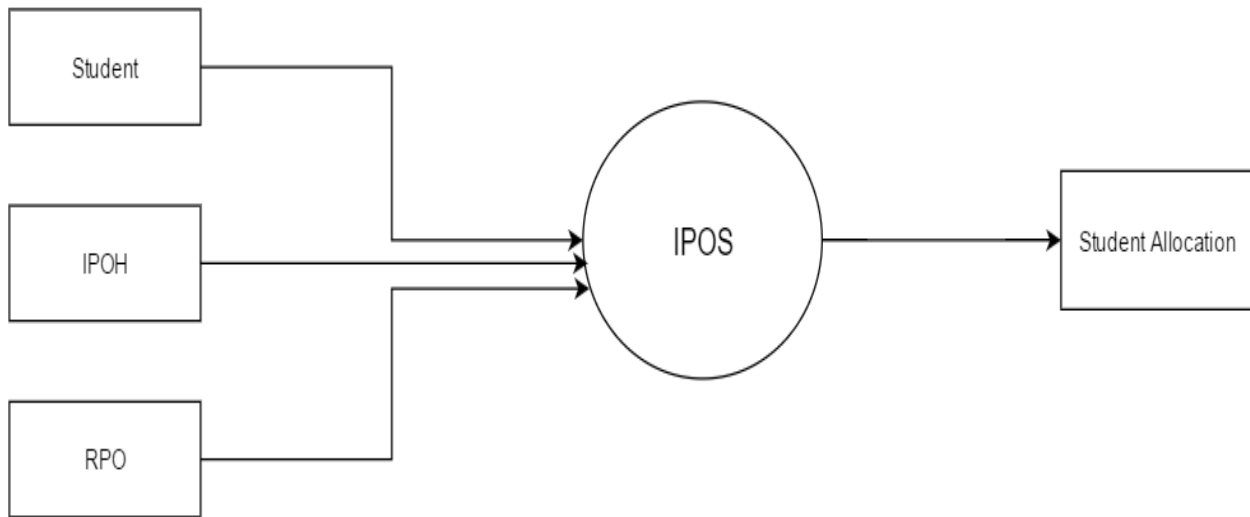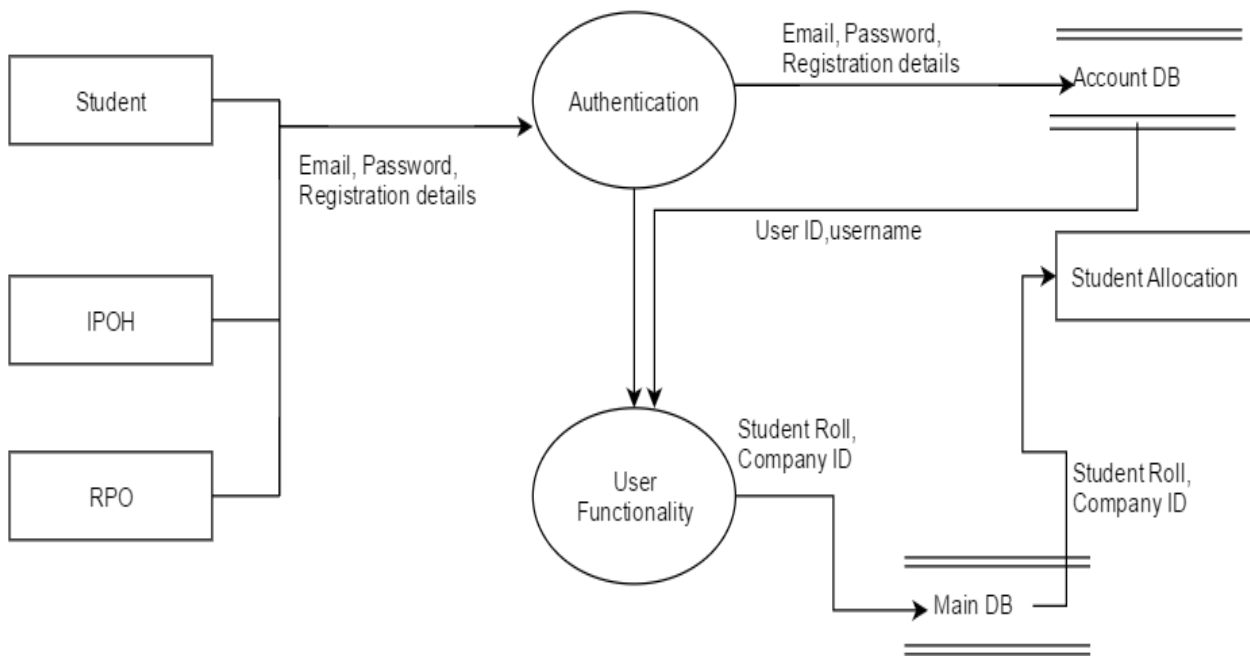

Figure 2: Level - 0 DFD of IPOS
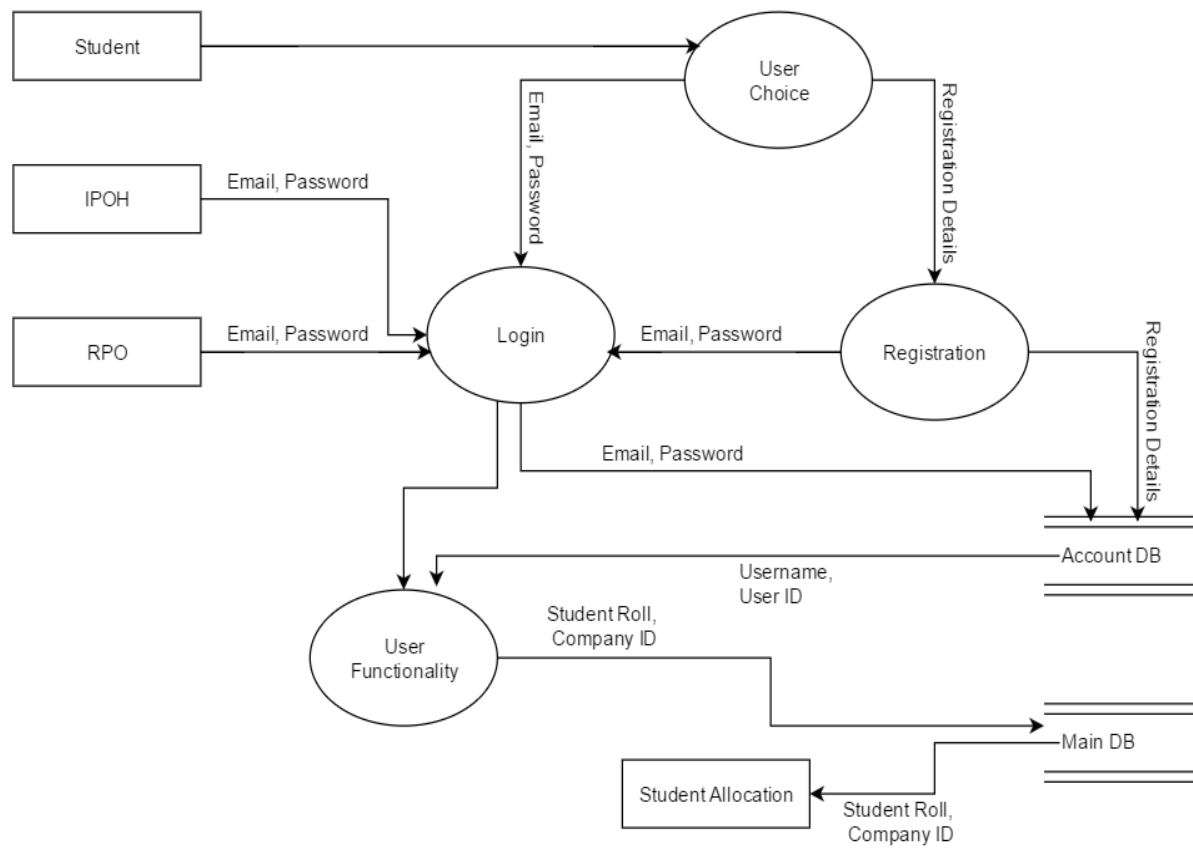

Figure 3: Level - 1 DFD of IPOS

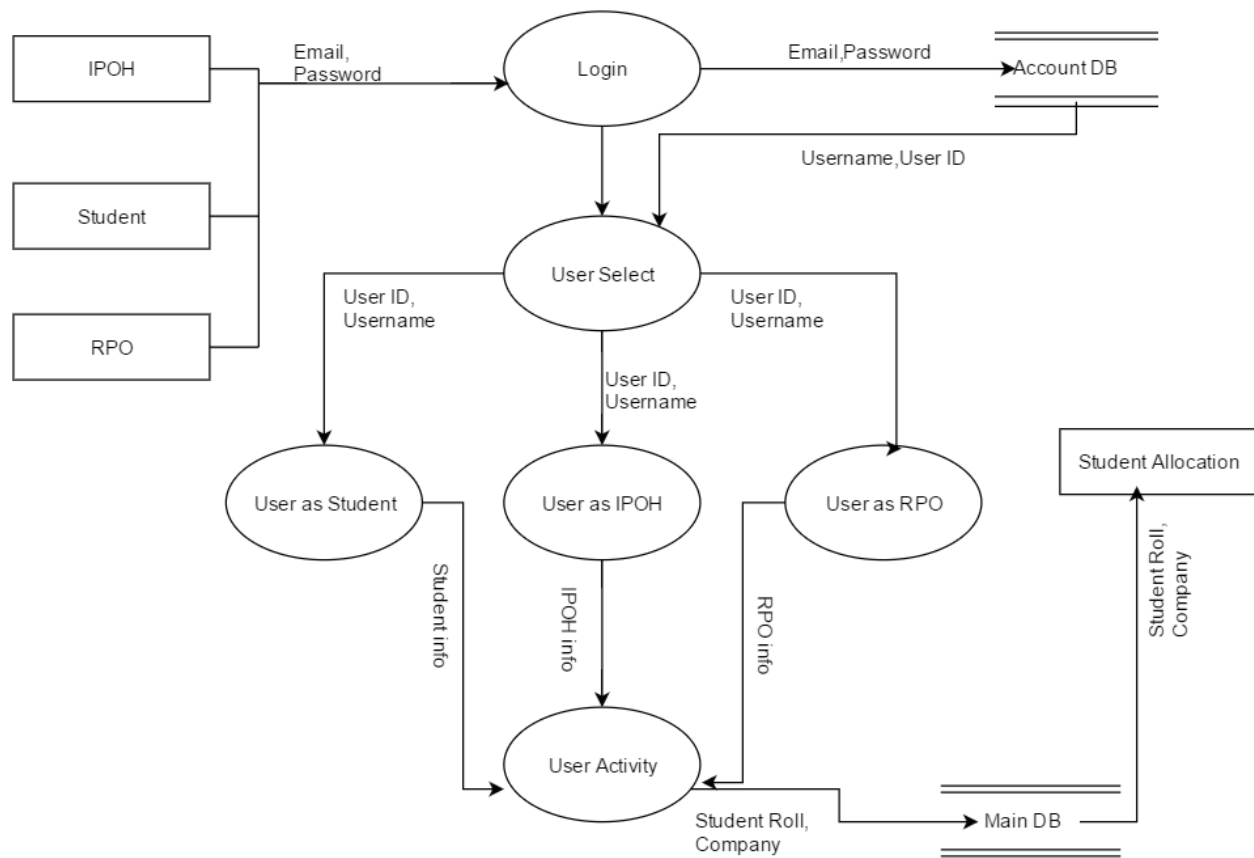*Figure 4: Level - 1.1 DFD of IPOS*

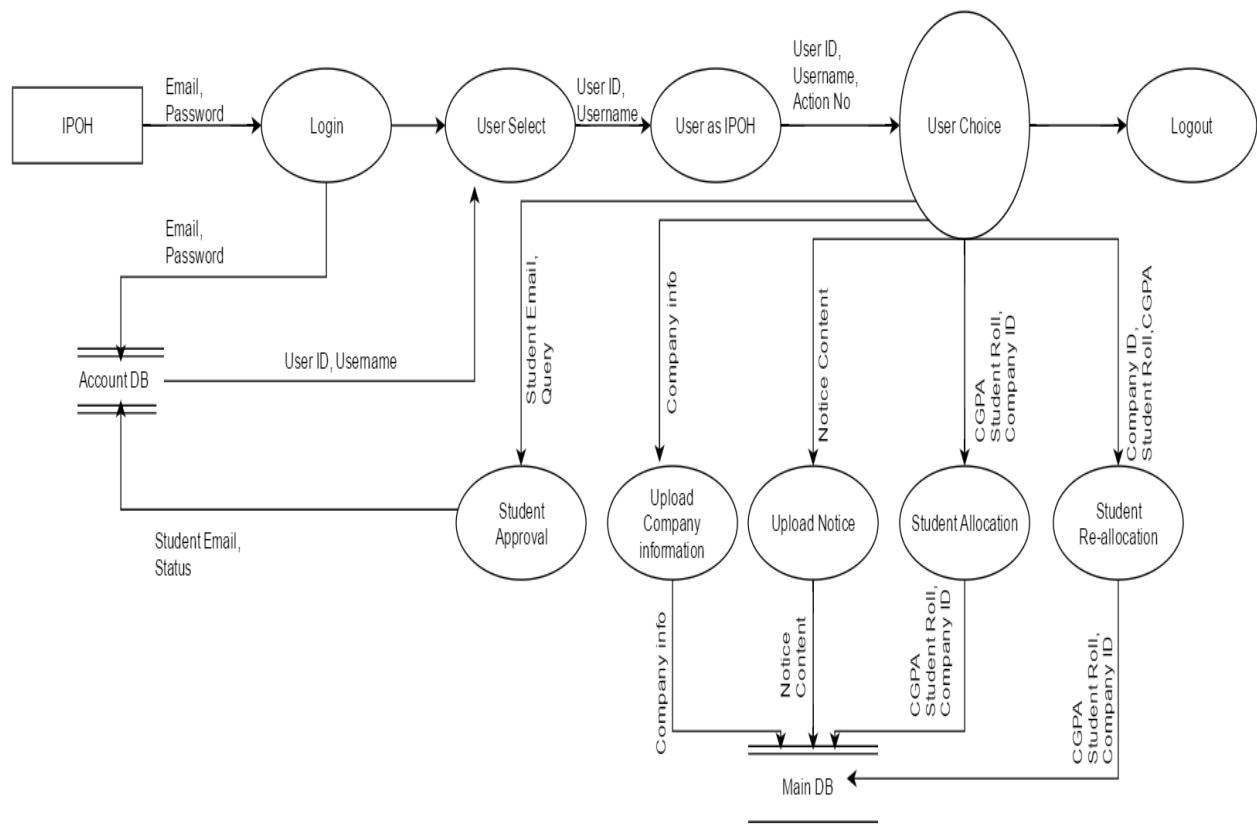*Figure 5: Level – 1.2 DFD of IPOS*

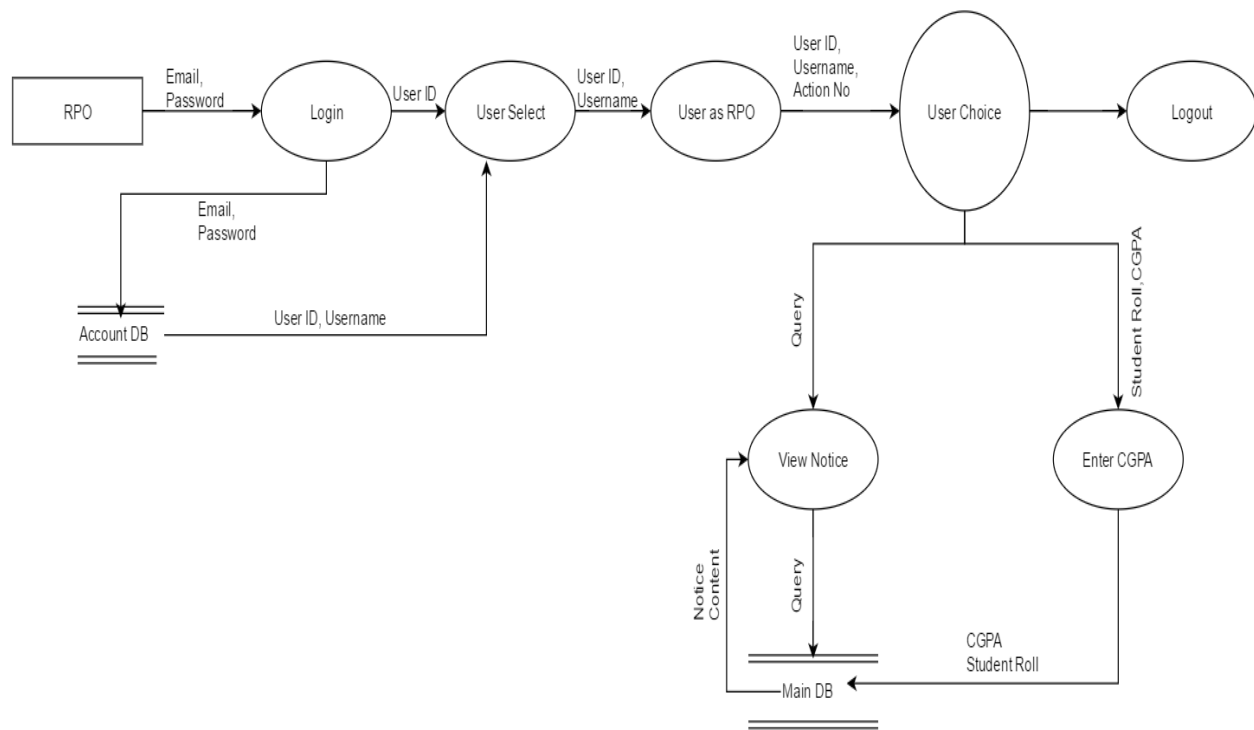*Figure 6: Level - 2.1 DFD of IPOS*

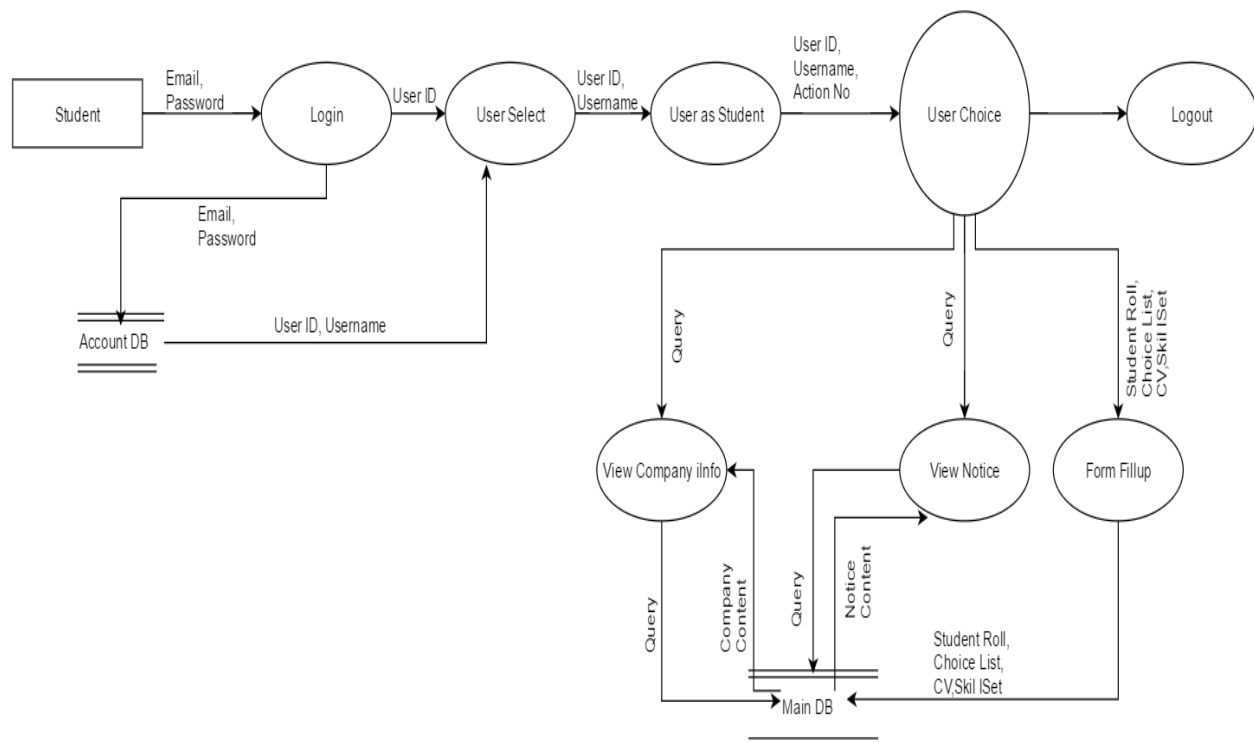*Figure 7: Level - 2.2 DFD of IPOS*

Figure 8: Level - 2.3 DFD of IPOS

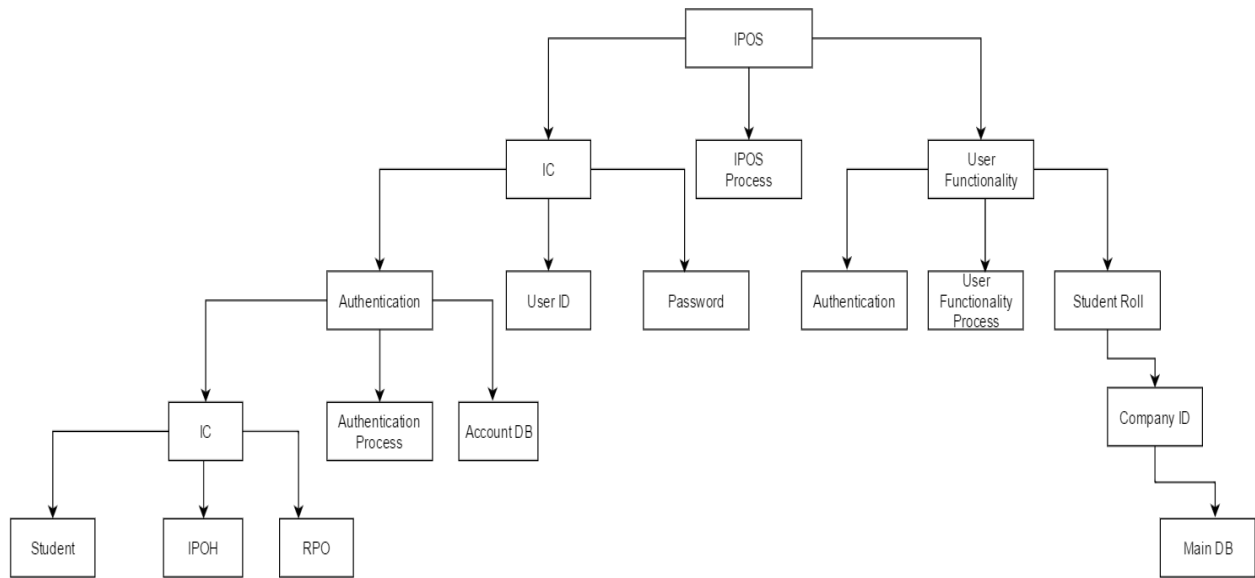## 2.2 Architectural Designs for DFD's of IPOS:

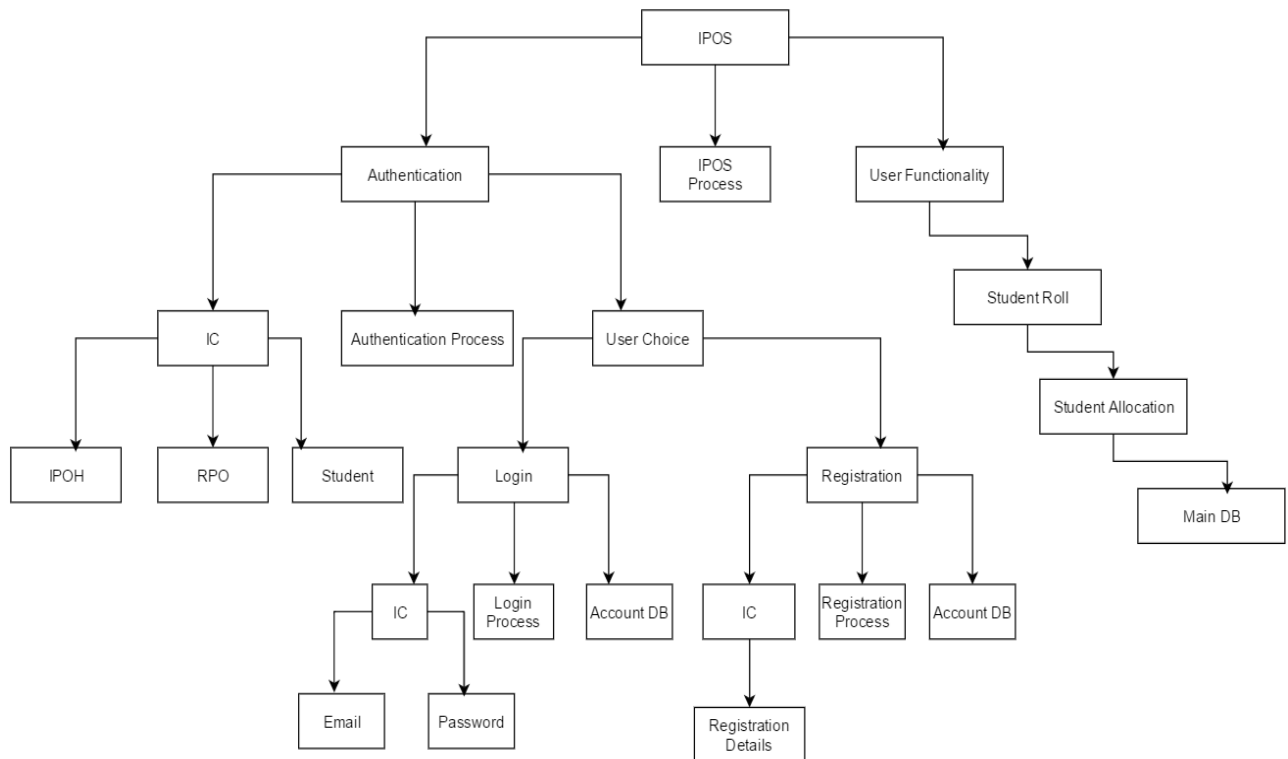*Figure 9:Architectural Design for Level-1 DFD*

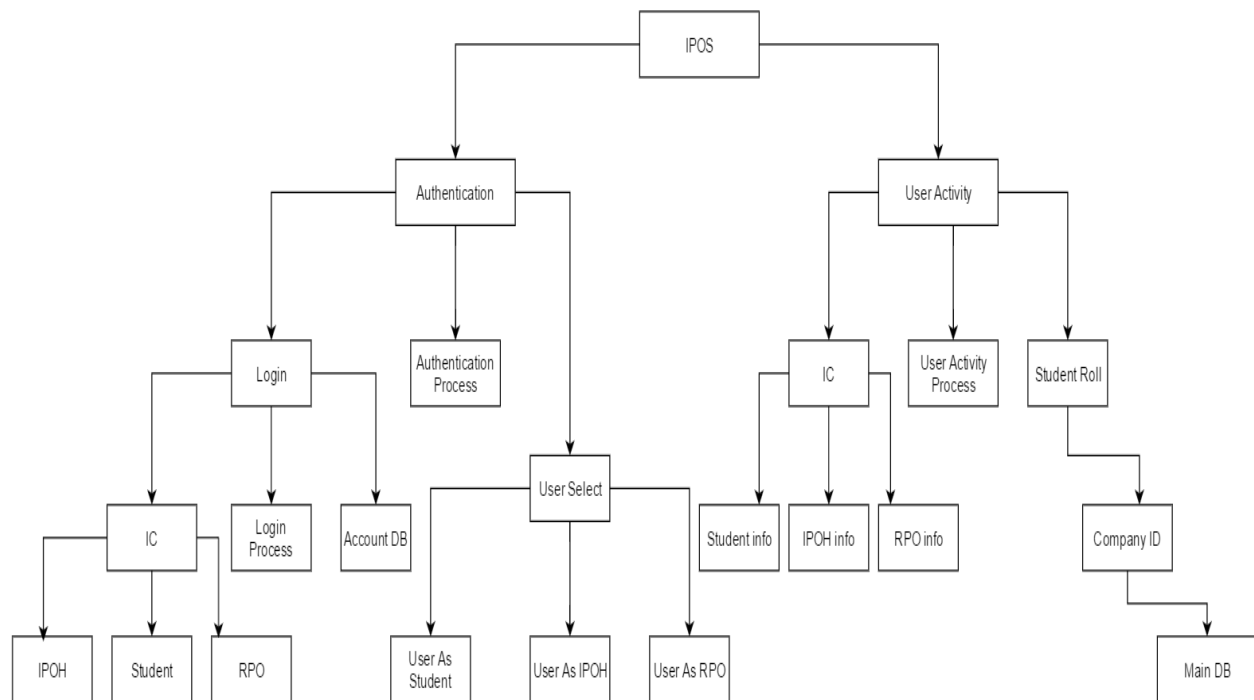*Figure 10:Architectural Design for Level-1.1 DFD*

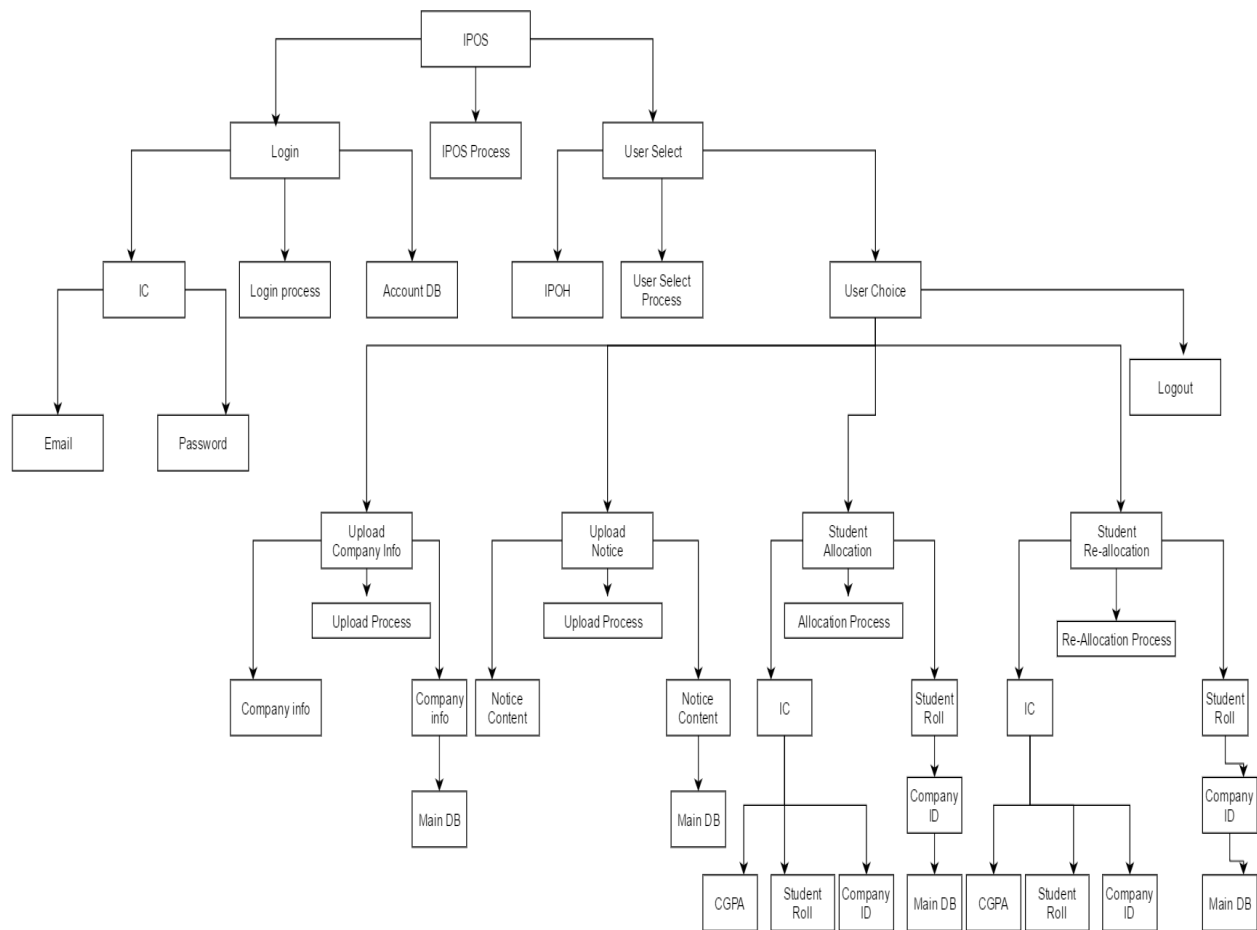*Figure 11:Architectural Design for Level-1.2 DFD*

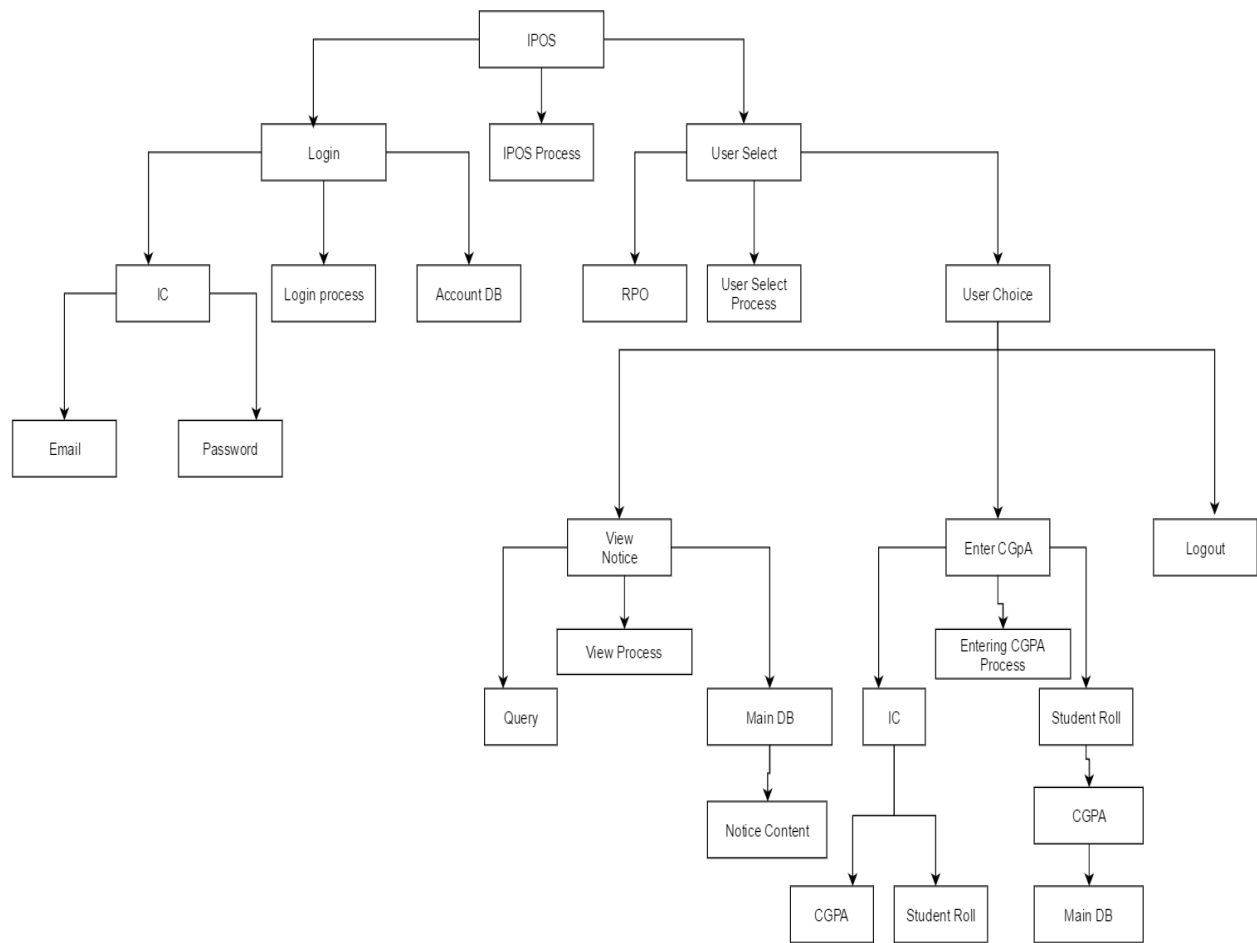*Figure 12:Architectural Design for Level-2.1 DFD*
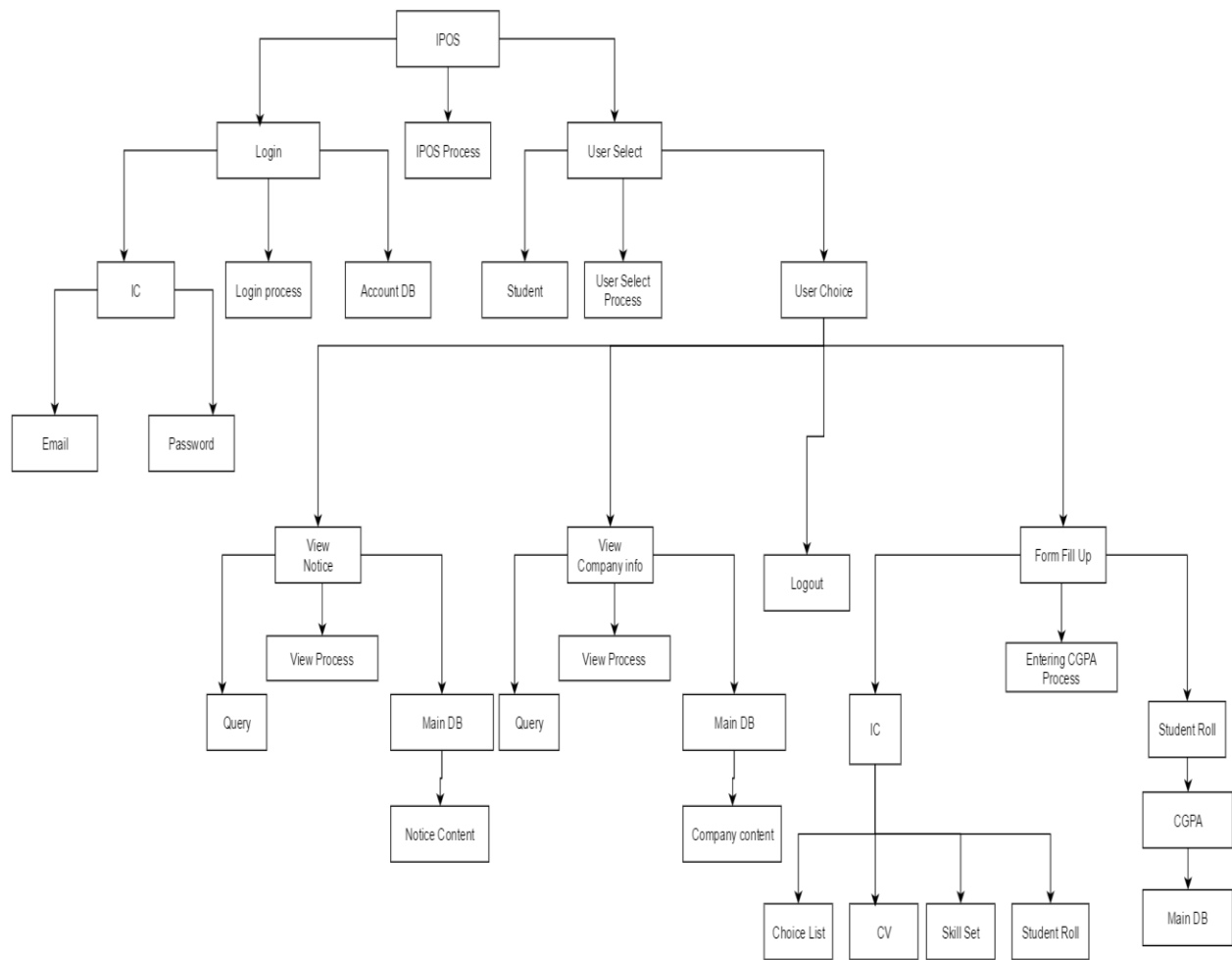
Figure 13:Architectural Design for Level-2.2 DFD

Figure 14:Architectural Design for Level-2.3 DFD