

CS1113: Software Engineering

“PlaceDoor”

Placement Management System

Software Requirement Specification (SRS)

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1. Data flow diagram:

A data flow diagram (DFD) maps out the flow of information for any process or system. It uses defined symbols like rectangles, circles and arrows, plus short text labels, to show data inputs, outputs, storage points and the routes between each destination. Data flowcharts can range from simple, even hand-drawn process overviews, to in-depth, multi-level DFDs that dig progressively deeper into how the data is handled. They can be used to analyse an existing system or model a new one.

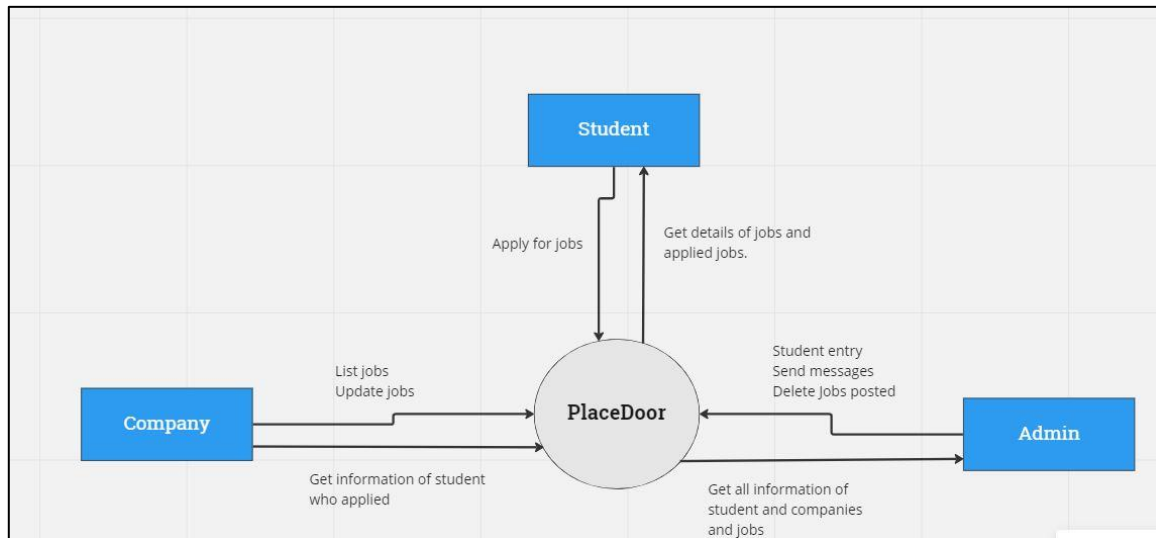


Figure 1 Level 0 Dataflow diagram

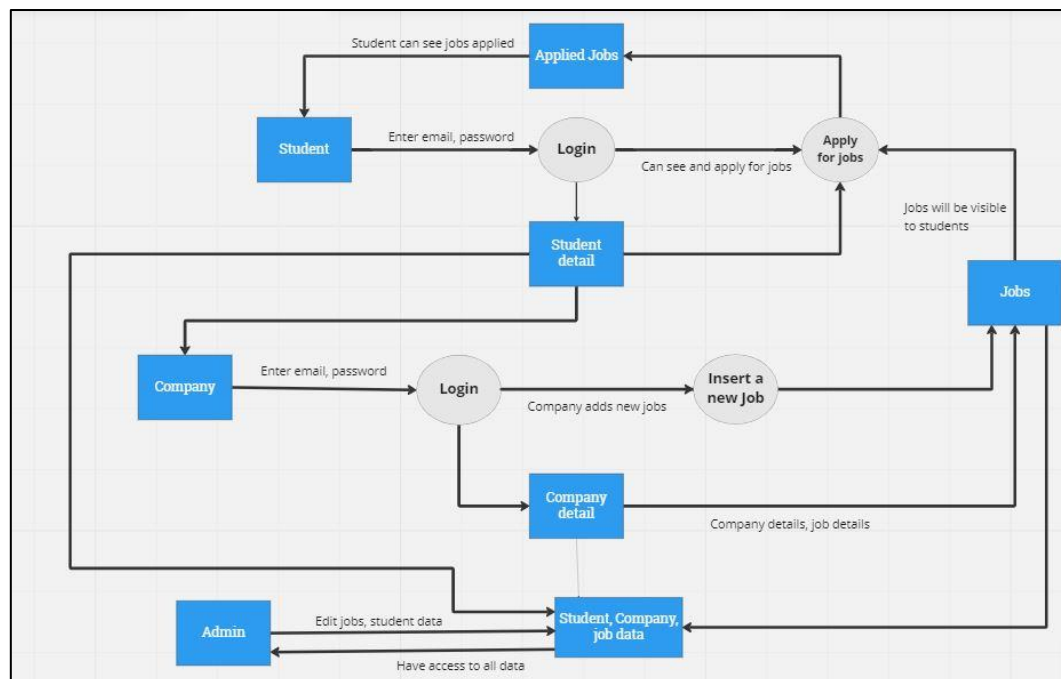


Figure 2 Level 1 dataflow diagram

2. ER diagram:

An entity-relationship diagram (ERD) is a data modelling technique that graphically illustrates an information system's entities and the relationships between those entities. An ERD is a conceptual and representational model of data used to represent the entity framework infrastructure. The elements of an ERD are Entities, Relationships, Attributes.

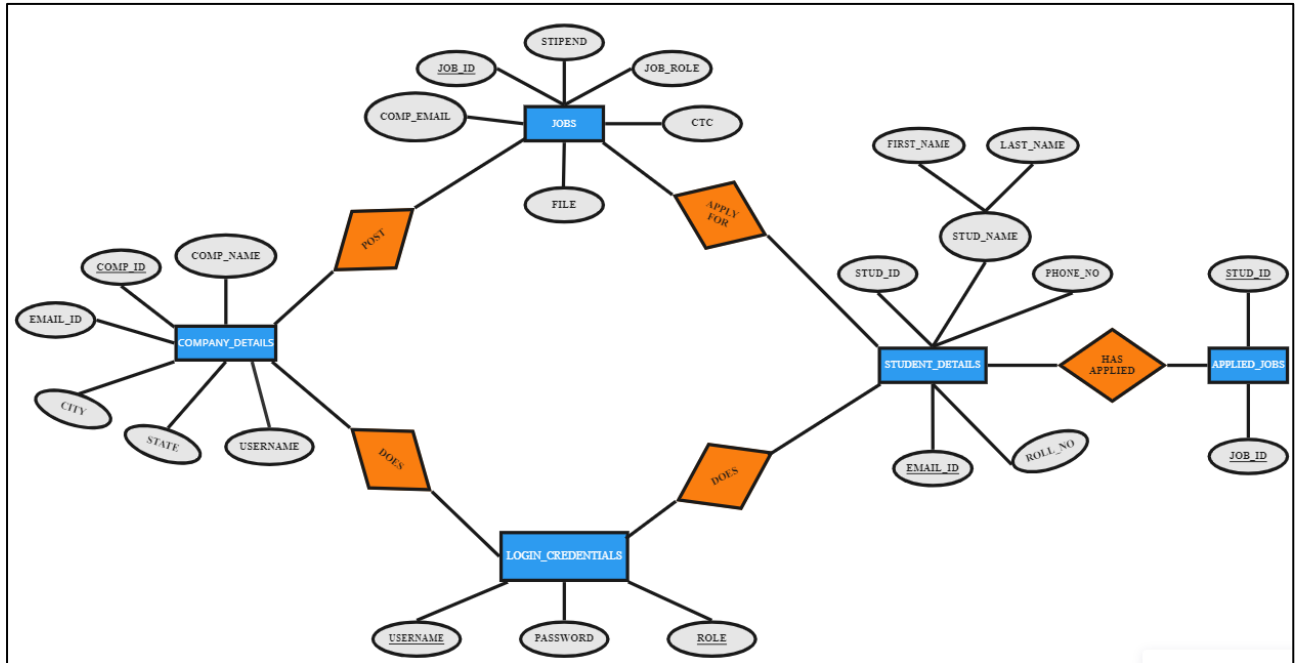


Figure 3 ER Diagram

Miro Board Link:

https://miro.com/app/board/uXjVPqeERm8=?share_link_id=905510930657