

## PROJECT DESIGN PHASE – II

### DATA FLOW DIAGRAMS


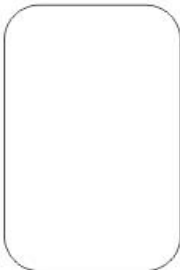
DATE	15 OCTOBER
TEAM ID	PNT2022TMID08534
PROJECT NAME	SKILLS/JOB RECOMMENDER APPLICATION
MAXIMUM MARKS	4 MARKS



### SKILLS/ JOB RECOMMENDER APPLICATION

#### DATA FLOW DIAGRAM

A two-dimensional diagram explains how data is processed and transferred in a system. The graphical depiction identifies each source of data and how it interacts with other data sources to reach a common output. Individuals seeking to draft a data flow diagram must identify external inputs and outputs, determine how the inputs and outputs relate to each other, and explain with graphics how these connections relate and what they result in. This type of diagram helps business development and design teams visualize how data is processed and identify or improve certain aspects.

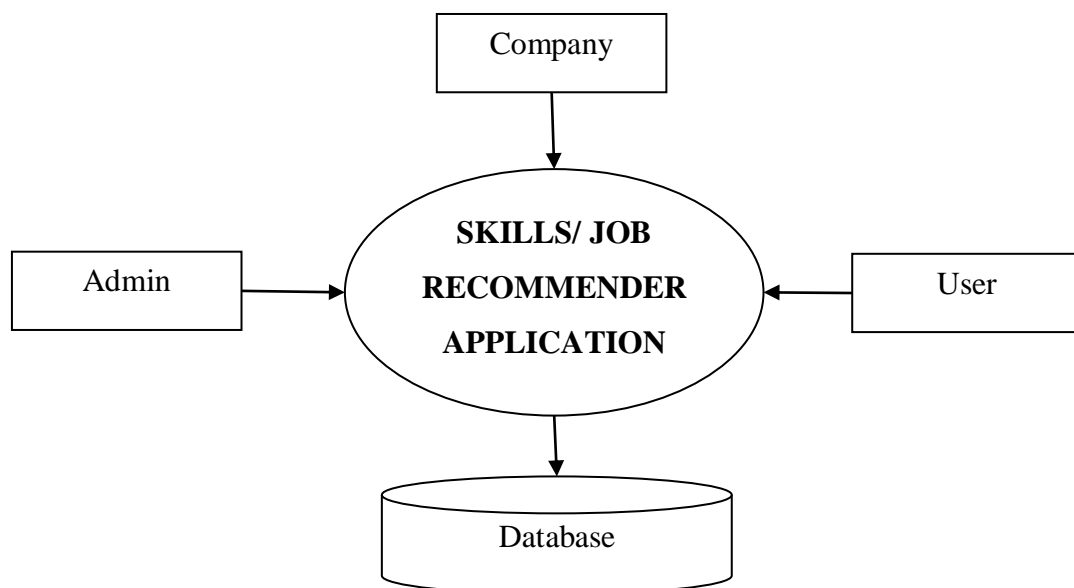
#### Data flow Symbols:

Symbol	Description
	An <b>entity</b> . A source of data or a destination for data.
	A <b>process</b> or task that is performed by the system.

	A <b>data store</b> , a place where data is held between processes.
	A <b>data flow</b> .

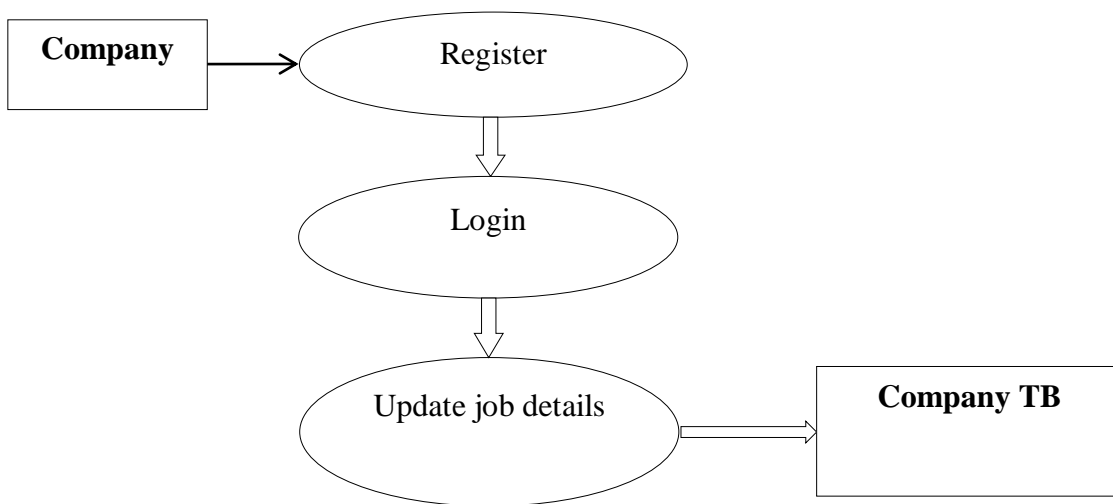
## LEVEL 0

The Level 0 DFD shows how the system is divided into 'sub-systems' (processes), each of which deals with one or more of the data flows to or from an external agent, and which together provide all of the functionality of the system as a whole. It also identifies internal data stores that must be present in order for the system to do its job, and shows the flow of data between the various parts of the system.



## LEVEL 1

The next stage is to create the Level 1 Data Flow Diagram. This highlights the main functions carried out by the system. As a rule, to describe the system was using between two and seven functions - two being a simple system and seven being a complicated system. This enables us to keep the model manageable on screen or paper.



## LEVEL 2

A Data Flow Diagram (DFD) tracks processes and their data paths within the business or system boundary under investigation. A DFD defines each domain boundary and illustrates the logical movement and transformation of data within the defined boundary. The diagram shows 'what' input data enters the domain, 'what' logical processes the domain applies to that data, and 'what' output data leaves the domain. Essentially, a DFD is a tool for process modelling and one of the oldest.

