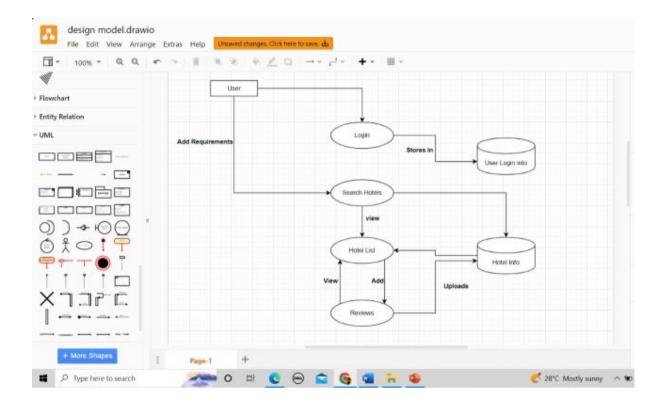


A Data Flow Diagram (DFD) is a graphical representation of the "flow" of data through an Information System. A data flow diagram can also be used for the visualization of Data Processing. It is common practice for a designer to draw a context-level DFD first which shows the interaction between the system and outside entities. This context-level DFD is then "exploded" to show more detail of the system being modeled.

A DFD represents flow of data through a system. Data flow diagrams are commonly used during problem analysis. It views a system as a function that transforms the input into desired output. A DFD shows movement of data through the different transformations or processes in the system.

Dataflow diagrams can be used to provide the end user with a physical idea of where the data they input ultimately has an effect upon the structure of the whole system from order to dispatch to restock how any system is developed can be determined through a dataflow diagram. The appropriate register saved in database and maintained by appropriate authorities

NOTATION	DESCRIPTION
	Processes or transform are represented
	by circles in a DFD. This shows what
	systems do. Each process has one or
	more data inputs and produces one or
	more data outputs. Each process has a
	unique name which appear inside the
	circle that represent the process in a
	DFD.
	The rectangle Is used to represent an
	external entity, that is a system element
	or another system that produces
	information for transaction by the
	software or receives the
	information produced by the software.
	An arrow represent one or data items or
	data objects. A data flow shows the flow
	of information from its source
	toits destination.
	A database is a holding place for
	information within the system. It is
	represented by cylindrical notation.
	Data stores may be long-term files or
	may be short-term.



**Conclusion:** In this assignment we implemented the design model with a suitable object- oriented language.