



Assignment-2

Course Title:- System Analysis & Design

Course Code :- CSE-325

Assign. Name:- ATM Activity diagram using DIA with report.

Submitted By:

Name :- Md Minul Hassan Lizon

ID :- 171442605

Program :- CSE(Evn)_44th Batch

Submitted To:

Instructor Info :-

Supta Richard Philip

(Senior Lecturer, Dept of CSE)

Activity diagram:










A UML activity diagram helps to visualize a certain use case at a more detailed level. It is a behavioral diagram that illustrates the flow of activities through a system.

Activity diagrams can be used in all stages of software development and for various purposes. And because they are a lot similar to flowcharts, they are generally more popular than other UML diagram types.

UML activity diagrams can also be used to depict a flow of events in a business process. They can be used to examine business processes in order to identify its flow and requirements.

Activity Diagram Symbols

UML has specified a set of symbols and rules for drawing activity diagrams. Following are the commonly used activity diagram symbols with explanations.

| Symbol | Name | Use |
|---|----------------------------|--|
|  | Start/ Initial Node | Used to represent the starting point or the initial state of an activity |
|  | Activity / Action State | Used to represent the activities of the process |
|  | Action | Used to represent the executable sub-areas of an activity |
|  | Control Flow / Edge | Used to represent the flow of control from one action to the other |
|  | Object Flow / Control Edge | Used to represent the path of objects moving through the activity |
|  | Activity Final Node | Used to mark the end of all control flows within the activity |
|  | Decision Node | Used to represent a conditional branch point with one input and multiple outputs |
|  | Fork | Used to represent a flow that may branch into two or more parallel flows |
|  | Merge | Used to represent a flow that may branch into two or more parallel flows |

Activity Diagram for ATM:

