“***Creating of Culture of Excellence***”

**Assignment - 2**

**Course Title :**System Analysis & Design

**Course Code :**CSE- 325

**Task Name :** ATM Activity Diagram.

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**What is Activity Diagram?**

Activity Diagrams describe how activities are coordinated to provide a service. Activity Diagrams consist of activities, states and transitions between activities and states. You can use activity diagram to model the logic of a single use case, or even how to coordinate a collection of use cases for the entire targeted system being developed. For example, to model how the events in a single use case relate to one another - in particular, use cases where activities may overlap and require coordination.

**Guidelines for creating Activity Diagrams**

* Minimize the number of crossings links or relationship among activities.
* Reorganize larger diagrams into several smaller ones. It is often easier to have several diagrams on various levels of detail than a single complex one.
* Use swimlanes to model responsibility of stakeholders, function of department or service provided by operational units.
* It can be used to elaborate the logic of an entity in UML, such as, a use case, function or orchestration of several use cases and etc.

ATM Activity Diagram.

