Assignment No: 02

Course Title: System Analysis & Design
Course Code: CSE- 325
Task Name: Write down a report on ATM Activity diagram.

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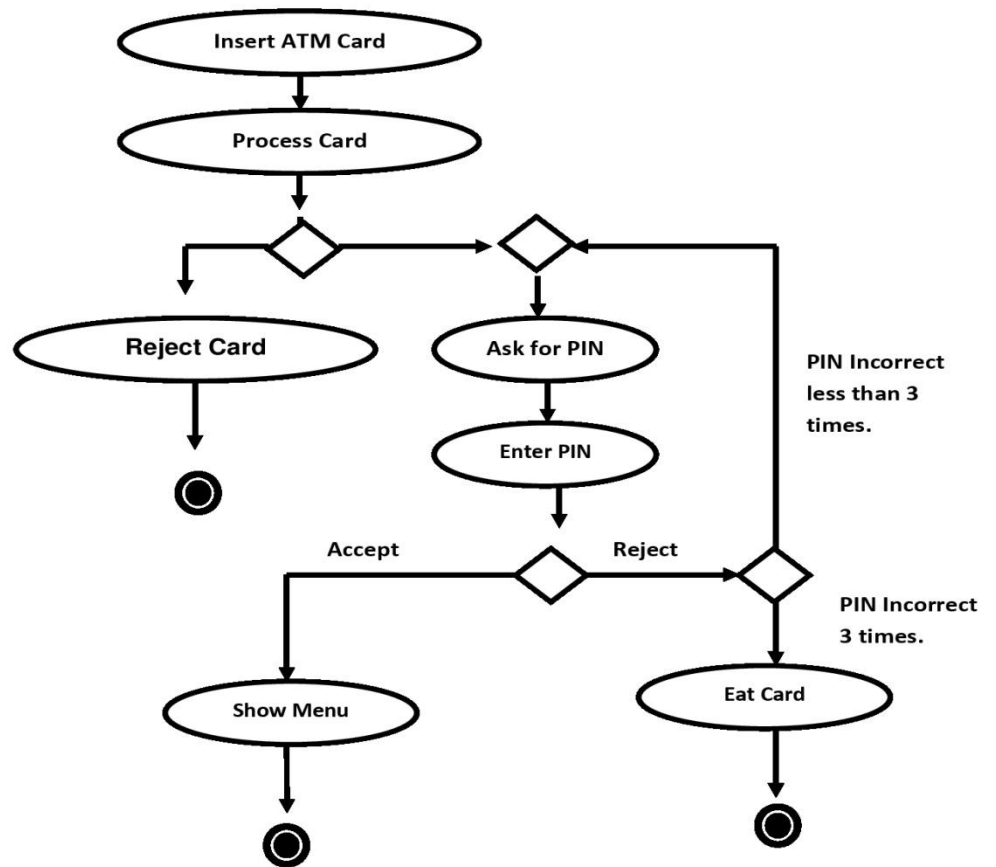**Name:** Md. Sheikh Farid
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Fig: ATM Activity Diagram

Activity Diagram: Activity diagrams describe the activities of a class. They are similar to state transition diagrams and use similar conventions, but activity diagrams describe the behavior/states of a class in response to internal processing rather than external events. They contain the following elements:

1. Swim lanes, which delegate specific actions to objects within an overall activity
2. Action States, which represent uninterruptible actions of entities, or steps in the execution of an algorithm
3. Action Flows, which represent relationships between the different action states on an entity
4. Object Flows, which represent utilization of objects by action states, or influence of action states on objects. Following are the examples of Login, Withdraw Activity Diagrams.