**PROGRAM NO. 8**

**Objective:-**Draw the class diagram for banking Application System.

**Theory:** Class diagram is a diagram that shows a set of classes, interfaces, and collaborations and their relationships. Class diagrams address the static design view or the static process view of the system.

**Purpose:**

The purpose of the class diagram is to model the static view of an application. The class diagrams are the only diagrams which can be directly mapped with object oriented languages and thus widely used at the time of construction. The UML diagrams like activity diagram, sequence diagram can only give the sequence flow of the application but class diagram is a bit different. So it is the most popular UML diagram in the coder community.

So the purpose of the class diagram can be summarized as:

• Analysis and design of the static view of an application.

• Describe responsibilities of a system.

• Base for component and deployment diagrams.

• Forward and reverse engineering.

**Result:**-

