PROGRAM NO. 7

Objective: Draw a Use Case diagram of Student Registration System.

Theory: Use Case diagram shows a set of use cases and actors (a special kind of class) and their relationships. These diagrams address the static use case view of a system.

Purpose:

The purpose of use case diagram is to capture the dynamic aspect of a system. Because other four diagrams (activity, sequence, collaboration and State chart) are also having the same purpose. So we will look into some specific purpose which will distinguish it from other four diagrams. Use case diagrams are used to gather the requirements of a system including internal and external influences. These requirements are mostly design requirements. So when a system is analyzed to gather its functionalities use cases are prepared and actors are identified.

So in brief, the purposes of use case diagrams can be as follows:

• Used to gather requirements of a system.

• Used to get an outside view of a system.

• Identify external and internal factors influencing the system.

• Show the interacting among the requirements are actors.

Result:-