**USE CASE DIAGRAM:**

A use case is a methodology used in system analysis to identify, clarify, and organize system requirements. The use case is made up of a set of possible sequences of interactions between systems and users in a particular environment and related to a particular goal. It is represented using ellipse. Actor is any external entity that makes use of the system being modelled. Itsrepresented using stick figure:-

**For Administrator:**



**For Student:**



**DOCUMENTATION OF USE CASE DIAGRAM**

The actors in this use case diagram are Admin, Student, Database. The use cases are the activities performed by actors.

a. Admin register login, and store the student records details in database.

b. Student Register from the Student Login process.

c. Then the database is searched for details and verified.

d. Database stores the details and returns acknowledgement

**CLASS DIAGRAM:**

A class diagram in the unified modeling language (UML) is a type of static structure diagram that describes the structure of a system by showing the system's classes, their attributes, and the relationships between the classes. It s represented using a rectangle with three compartments. Top compartment have the class name, middle compartment the attributes and the bottom compartment with operations.



**DOCUMENTATION OF CLASS DIAGRAM**

This class diagram has three classes Login, Student details and Update details in database.

a. **Students** – is the class name. Its attributes are name, Address, DOB, Gender, College, Subjects, Semester, Year, Degree, Branch. The operations Performed in the students class, Store database and Update.

b. **Administration**– is the class name. Its attributes are Login, Password and database. The operations performed are Student Details store in database and send acknowledgement.

c. **Database** – is the class name. The operations performed are storing Search and storing the values.