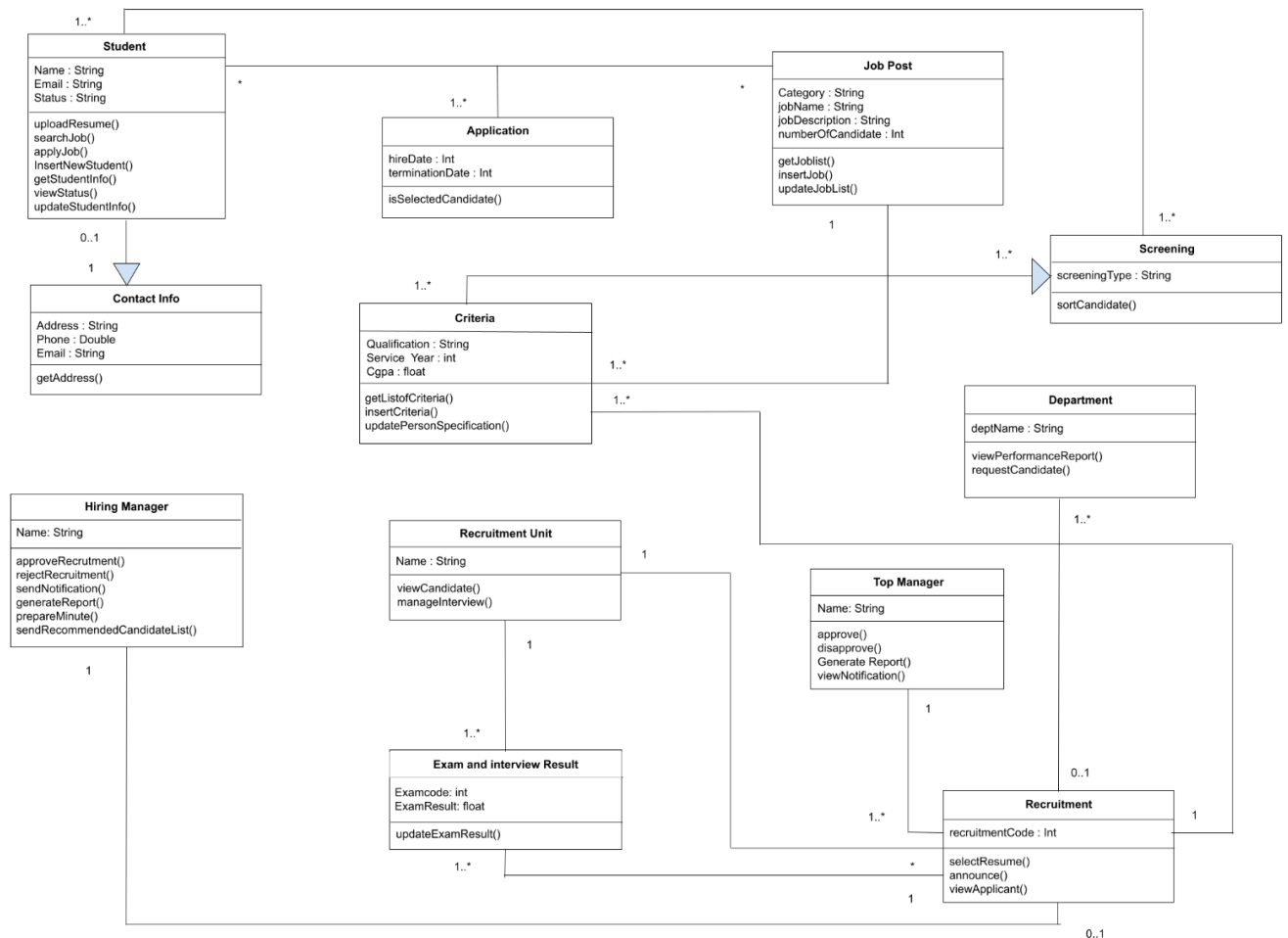


Training and Placement System Class Diagram



Discussion :

Here we learnt how to draw a class diagram for our project. In software engineering, a class diagram in the Unified Modelling Language is a type of static structure diagram that describes the structure of a system by showing the system's classes, their attributes, operations, and the relationships among objects.

Here we have taken classes like Students, Contact Info, Application, Job post, Criteria, Screening, Hiring Manager, Recruitment Unit, Department, Top Manager, Exam and Interview Result, Recruitment. We also defined the attributes and methods of the classes.

Here we have super classes like Contact Info and Screening. The Contact Info is the superclass of the subclass like Student.

Questionnaire :

1) List all the benefits of a class diagram.

The benefits of class diagram are:

1. It can represent the object model for a complex system and reduces the maintenance time by providing an overview of how an application is structured before coding.
2. Class diagrams give us a sense of orientation. They provide detailed insight into the structure of a system. At the same time, they offer a quick overview of the synergy happening among the different system elements as well as their properties and relationships.
3. Class diagrams are simple and fast to read. With the right software they are also easy to create. They are the foundation for creating systems.
4. A class diagram visualizes the paths between classes in the form of aggregations and associations as well as through the passing on of properties and behavior between classes. These take the form of generalizations.
5. It is also helpful for the stakeholders and the developers.