Class Diagram

Figure A1: Class Diagram

The user interacts with the system by sending the query. The partitioned agent processes the given query by analysing the student data set. And the partitioning agent partitions the data set. The ranking agent ranks the attributes. The highest rank attributes are taken for clustering.
Figure A2: Class Diagram

Figure A2 shows the collaboration diagram of the Automated Data Mining System for an Object Oriented Data. User submits a query, the user interface agent analyze the student data set. After the analyzes by the user interface agent it calls the partitioning agent, the partitioning agent partitions the data set based on the relationships. The partitioned data is ranked by the ranking agents. The data mining agent chooses the appropriate algorithm for the ranked attributes and the knowledge is mined.
The user submits the input query. This query is forwarded to the user interface agent. User interface agent identifies the type of the Object Oriented data. The partitioning agent partitions the data set. The ranking agent ranks the Object Oriented data. The data mining agent chooses the appropriate clustering algorithm based on the attribute.
Figure A4: Use Case Diagram

Figure A4 shows the Use Case diagram for the Automated Data mining System for an Object Oriented Data. The user interacts with the system by sending the query. The partitioned agent processes the given query by analysing the student data set. And the partitioning agent partitions the data set. The ranking agent ranks the attributes. The highest rank attributes are taken for clustering.