|  |
| --- |
| Class Name: Parent  Boolean create\_parent\_account(string name, int id, int phonenumber, string email, string password)  Boolean delete\_parent ( int Id)  Boolean edit\_parent (int Id) |
| Method Signature: getId();  Description:  Parameter: No parameter  Returns: Parent Id in integer.  Method Signature: Void setId(int id);  Description:  Parameter: Parent Id  Returns: Void.  Method Signature: getName();  Description:  Parameter: No parameter  Returns: Parents Name(string).  Method Signature: Void setName(String Name);  Description:  Parameter: Parent Name  Returns: Void.  Method Signature: getEmail();  Description:  Parameter: No parameter  Returns: Parent Email(String)  Method Signature: Void setEmail(string Email);  Description:  Parameter: Parent Email  Returns: Void.  Method Signature: getPassword();  Description:  Parameter: No parameter  Returns: Parent passWord(String)  Method Signature: Void setPassWord(string password);  Description:  Parameter: Parent Password  Returns: Void. |

|  |
| --- |
| Class Name: Teacher  Boolean create\_teacher\_account (int id, string name, int phonenumber, string email, string role, string password)  Boolean delete\_teacher(int id)  Boolean Edit Teacher(int id) |
| Method Signature: getId();  Description:  Parameter: No parameter  Returns: Teacher Id in integer.  Method Signature: Void setId(int id);  Description:  Parameter: Teacher Id  Returns: Void.  Method Signature: getName();  Description:  Parameter: No parameter  Returns: Teachers Name(string).  Method Signature: Void setName(String Name);  Description:  Parameter: Teacher Name  Returns: Void.  Method Signature: getEmail();  Description:  Parameter: No parameter  Returns: Teacher Email(String)  Method Signature: Void setEmail(string Email);  Description:  Parameter: Teacher Email  Returns: Void.  Method Signature: getPassword();  Description:  Parameter: No parameter  Returns: Teacher passWord(String)  Method Signature: Void setPassWord(string password);  Description:  Parameter: Teacher Password  Returns: Void.  Method Signature: getRole();  Description:  Parameter: No parameter  Returns: Teacher Role(String)  Method Signature: Void setRole(string role);  Description:  Parameter: Teacher role  Returns: Void. |

|  |
| --- |
| Class Name: Message for Parent  Boolean send\_message\_to\_parents (int id, string details)  Boolean edit message\_to\_parents(int id) |
| Method Signature: getId();  Description:  Parameter: No parameter  Returns: Parent Id in integer.  Method Signature: Void setId(int id);  Description:  Parameter: Parent Id  Returns: Void.  Method Signature: getDetails();  Description:  Parameter: No parameter  Returns: Message(String)  Method Signature: Void setDetail(String detail);  Description:  Parameter: Message Detail in String  Returns: Void. |

|  |
| --- |
| Class Name: Meeting  Boolean arrange\_meeting (int id, string meetingType, string details, date date)  -------------------------------------------------------------------------  Boolean edit\_arrangeMeeting(int id)  Boolean Delete\_meeting(int id) |
| Method Signature: getId();  Description:  Parameter: No parameter  Returns: Meeting Id in integer.  Method Signature: Void setId(int id);  Description:  Parameter: Meeting Id  Returns: Void.  Method Signature: getDetails();  Description:  Parameter: No parameter  Returns: Meeting Details(String)  Method Signature: Void setDetail(String detail);  Description:  Parameter: Meeting Detail in String  Returns: Void.  -------------------------------------------------------------------------  Method Signature: getMeetingType(int id);  Description:  Parameter: Meeting id(int)  Returns: Meeting type(String)  Method Signature: Void setMeetingType(String type);  Description:  Parameter: Meeting Type in String  Returns: Void.  --------------------------------------------------------------------------  Method Signature: getDate(int id);  Description:  Parameter: Meeting Id  Returns: Meeting Date(date)  Method Signature: Void setDate(Date date);  Description:  Parameter: Meeting date in Date  Returns: Void. |

|  |
| --- |
| Class Name: Address  Boolean living\_Address (int id, string streetOrVillage, string city)  Boolean deleteAddress(int id)  Boolean edit addresss(int id) |
| Method Signature: getId();  Description:  Parameter: No parameter  Returns: Address Id in integer.  Method Signature: Void setId(int id);  Description:  Parameter: Address Id  Returns: Void.  Method Signature: getStreetOrVill(User Id);  Description:  Parameter: User Id  Returns: Street or Village (String)  Method Signature: Void setStreetOrVill(String setStreetOrVil );  Description:  Parameter: Street or village in String  Returns: Void.  -----------------------------------------------------------------------------------------------------  Method Signature: getCity (User Id);  Description:  Parameter: User id  Returns: City Name(String)  Method Signature: Void setCity(String City);  Description:  Parameter: City Namein String  Returns: Void. |

|  |
| --- |
| Class Name: Message for Teacher  Boolean send\_message\_to\_teacher (int id, string details)  Boolean edit\_message\_to\_teacher(int id) |
| Method Signature: getId();  Description:  Parameter: No parameter  Returns: Teacher Id in integer.  Method Signature: Void setId(int id);  Description:  Parameter: Teacher Id  Returns: Void.  Method Signature: getDetails();  Description:  Parameter: No parameter  Returns: Message(String)  Method Signature: Void setDetail(String detail);  Description:  Parameter: Message Detail in String  Returns: Void. |

|  |
| --- |
| Class Name: Student  Boolean create\_student\_account (int id, string name, date dateOfBirth, int class)  Boolean delete\_student\_id(int id)  Boolean\_Edit\_student(int id) |
| Method Signature: getId();  Description:  Parameter: No parameter  Returns: Student Id in integer.  Method Signature: Void setId(int id);  Description:  Parameter: Student Id  Returns: Void.  Method Signature: getName();  Description:  Parameter: No parameter  Returns: Student Name(string).  Method Signature: Void setName(String Name);  Description:  Parameter: Student Name  Returns: Void.  Method Signature: getDateOfBirth(int id);  Description:  Parameter: Student id  Returns: Date Of Birth of A student  Method Signature: Void setDateOfBirth(Date date);  Description:  Parameter: Date Of Birth Of A student  Returns: Void.  Method Signature: getclass(int id);  Description:  Parameter: Student id  Returns: Class Of A student  Method Signature: Void setClass(String class);  Description:  Parameter: Class of a student in string  Returns: Void. |

|  |
| --- |
| Class Name: Student Leave  Boolean student\_leave (int id, int studentId, string reason, int numOfDays, date startFrom, string status, string comment)  Boolean edit studentLeave(int Leave\_id)  Boolean delete\_student\_id(int leave\_id) |
| Method Signature: getId();  Description:  Parameter: No parameter  Returns: StudentLeaveId in integer.  Method Signature: Void setId(int id);  Description:  Parameter: StudentLeaveId  Returns: Void.  Method Signature: Void getReason (int id);  Description:  Parameter: Student Leave Id  Returns: Student Reason(string).  Method Signature: Void setReason(String Reason);  Description:  Parameter: Reason(String)  Returns: Void.  Method Signature: getNumOfDays(int id);  Description:  Parameter: Student Leave id  Returns: Number of Days (int)  Method Signature: Void setNumOfDays(int days);  Description:  Parameter: Number of Days(int)  Returns: Void.  Method Signature: getStratFrom(int id);  Description:  Parameter: Student Leave id  Returns: Date  Method Signature: Void setStartFrom(Date date);  Description:  Parameter: date(Date)  Returns: Void.  Method Signature: getStatus(int id);  Description:  Parameter: Student Leave id  Returns: string  Method Signature: Void setStatus(String Status);  Description:  Parameter: Status(String)  Returns: Void.  Method Signature: getComment(int id);  Description:  Parameter: Student Leave id  Returns: Comment About Leave(String)  Method Signature: Void setComment(String Comment);  Description:  Parameter: Comment(String)  Returns: Void. |

|  |
| --- |
| Class Name: Teacher Leave  Boolean teacher\_leave (int id, date applicationDate, date leaveDate, int numberOfDays, string reason)  Boolean edit teacher\_leave(int id)  Boolean delete teacherLeave(int id) |
| Method Signature: getId();  Description:  Parameter: No parameter  Returns: Teacher Leave Id in integer.  Method Signature: Void setId(int id);  Description:  Parameter: TeacherLeaveId  Returns: Void.  Method Signature: Void getReason (int id);  Description:  Parameter: Teacher Leave Id  Returns: Teacher Reason(string).  Method Signature: Void setReason(String Reason);  Description:  Parameter: Reason(String)  Returns: Void.  Method Signature: getNumOfDays(int id);  Description:  Parameter: Teacher Leave id  Returns: Number of Days (int)  Method Signature: Void setNumOfDays(int days);  Description:  Parameter: Number of Days(int)  Returns: Void.  Method Signature: getDateOfApplication(int id);  Description:  Parameter: Teacher Leave id  Returns: Date  Method Signature: Void setDateOfApplication(Date date);  Description:  Parameter: date(Date)  Returns: Void.  Method Signature: getLeaveDate(int id);  Description:  Parameter: Teacher Leave id  Returns: Date  Method Signature: Void setLeaveDate(Date date);  Description:  Parameter: Teacher Leave id  Returns: Void  Method Signature: getReason(int id);  Description:  Parameter: Teacher Leave id  Returns: Reason Of Leave(String)  Method Signature: Void setReason(String Reason);  Description:  Parameter: Reason(String)  Returns: Void.  . |

|  |
| --- |
| Class Name: Study  Boolean study(int subject\_id, int student\_id, int year)  Boolean delete(int subject\_id,student\_id)  Boolean edit(int subject\_id,student\_id) |
| Method Signature: getId();  Description:  Parameter: No parameter  Returns: Subject Id in integer.  Method Signature: Void setId(int id);  Description:  Parameter: Subject Id  Returns: Void.  Method Signature: getYear();  Description:  Parameter: No parameter  Returns: Year(int).  Method Signature: Void setYear(int year);  Description:  Parameter: Year(int)  Returns:Void |

|  |
| --- |
| Class Name: Subject  Boolean Subject\_create (int SubjectId, string subjectName)  Boolean subject\_edit(int subject)  Boolean subject\_delete(int subject) |
| Method Signature: getId();  Description:  Parameter: No parameter  Returns: Subject Id in integer.  Method Signature: Void setId(int id);  Description:  Parameter: Subject Id  Returns: Void.  Method Signature: getSubjectName(int id);  Description:  Parameter: Subject id  Returns: Subject Name.  Method Signature: Void setSubjectName(String Name);  Description:  Parameter: Name in String  Returns:Void |

|  |
| --- |
| Class Name: Class Schedule  Boolean schedule\_of\_class (int classScheduleId, int time, string comment)  Boolean edit schedule\_of\_class(int classScheduleId)  Boolean delete schedule\_of\_class(int classScheduleId) |
| Method Signature: int ClassscheduleId();  Description:  Parameter: No parameter  Returns: Class schedule Id in integer.  Method Signature: Void setClassScheduleId(int id);  Description:  Parameter: Schedule Id  Returns: Void.  Method Signature: getTime(int ClassscheduleId);  Description:  Parameter :ClassscheduleId  Returns: Time(time).  Method Signature: Void setTime(Time time);  Description:  Parameter: time(Time)  Returns:Void  Method Signature: getComment(int ClassScheduleid);  Description:  Parameter: ClassScheduleid  Returns: Comment About Class Schedule(String)  Method Signature: Void setComment(String Comment);  Description:  Parameter: Comment(String)  Returns: Void |

|  |
| --- |
| Class Name: TCApplication  Boolean application\_for\_TC (int id, int studentId, string reason, date applicationDate, int approve)  Boolean edit TC(int TC\_id)  Boolean deleteTC(int TCid) |
| Method Signature: getId();  Description:  Parameter: No parameter  Returns: TCApplicationId in integer.  Method Signature: Void setId(int id);  Description:  Parameter: TCApplicationId  Returns: Void.  Method Signature: Void getReason ();  Description:  Parameter: NO  Returns: TC Reason(string).  Method Signature: Void setReason(String Reason);  Description:  Parameter: Reason(String)  Returns: Void.  Method Signature: getStudentId(int TCApplicationid);  Description:  Parameter: TCApplicationId(int)  Returns: Student id(int)  Method Signature: Void setStudentId(int id);  Description:  Parameter: StduentId  Returns: Void.  Method Signature: getDateOfApplication(int id);  Description:  Parameter: TCApplicationId  Returns: Date  Method Signature: Void setDateOfApplication(Date date);  Description:  Parameter: date(Date)  Returns: Void.  Method Signature: approve(int id);  Description:  Parameter: TCApplicationId  Returns: Date  Method Signature: Void setApprove(int TCApplicationIdl);  Description:  Parameter: TCApplicationId  Returns: Void |

|  |
| --- |
| Class Name: Term  Boolean term\_details (int termId, int year, int subjected, int studentId, int marks)  Boolean edit\_term(int termId)  Boolean delete\_term(int term\_id) |
| Method Signature: getId();  Description:  Parameter: No parameter  Returns: Term Id in integer.  Method Signature: Void setId(int id);  Description:  Parameter: Term Id  Returns: Void.  Method Signature: getYear(int TermId);  Description:  Parameter: TermId(int)  Returns: Year(int).  Method Signature: Void setYear(int year,termId);  Description:  Parameter: Year(int),termed(int)  Returns:Void  Method Signature: getId(TermId);  Description:  Parameter: TermId(int)  Returns: Subject Id in integer.  Method Signature: Void setId(int id);  Description:  Parameter: Subject Id  Returns: Void.  Method Signature: getId(Term Id);  Description:  Parameter: TermId(int)  Returns: Student Id in integer.  Method Signature: Void setId(int id,term id);  Description:  Parameter: Student Id,term id  Returns: Void. |