Detail Design

On

School College Polytechnique Coaching center Special Batch Management

Course No: CSE 3204

Course Title: Software Engineering and Information System Project

Project Manager:
Dr. Kazi Masudul Alam
Associate Professor,
Computer Science &
Engineering Discipline,
Khulna University

Md. Arifur Rahman

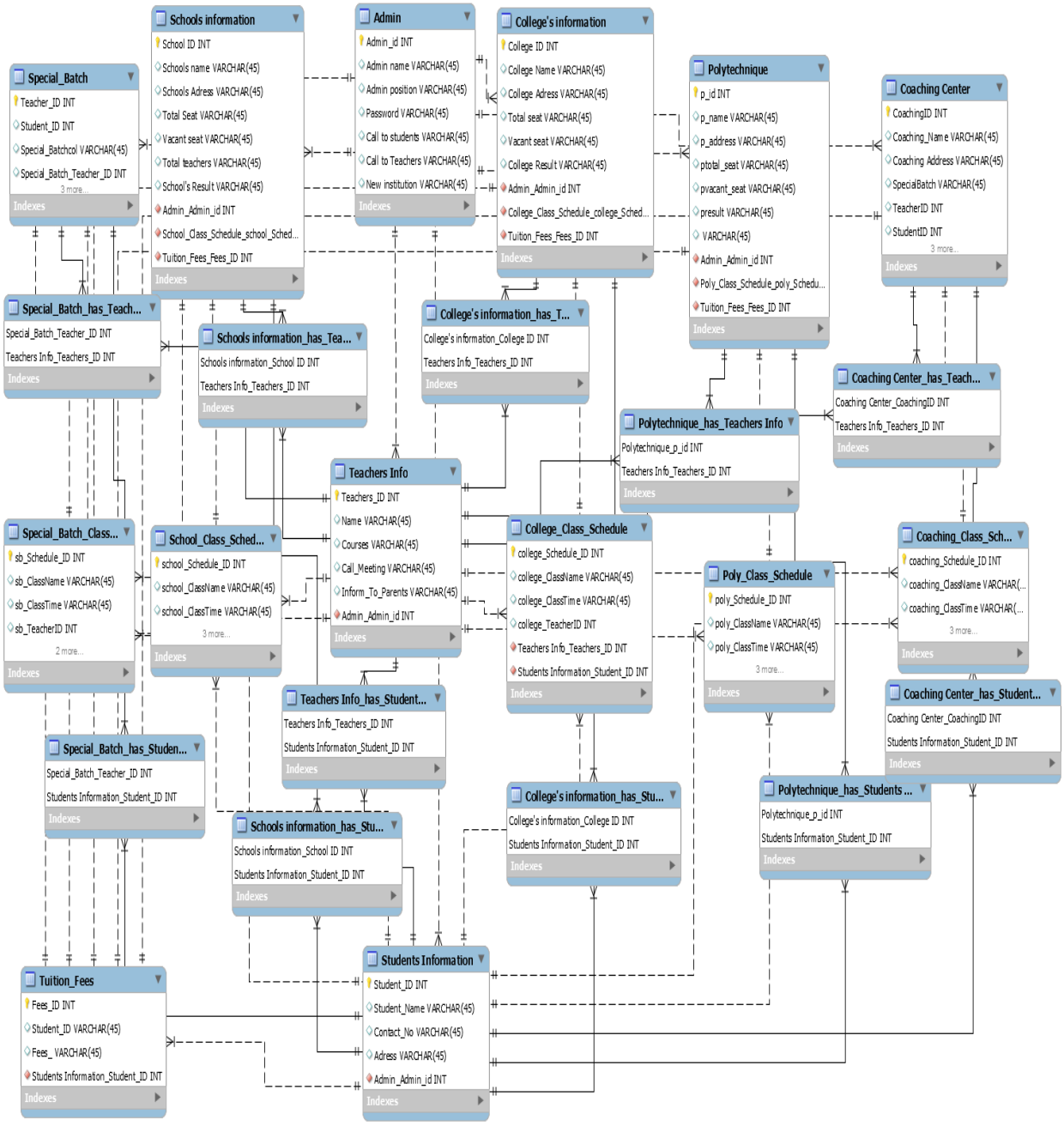
Student Id: 160208

&

Mrityunjoy Gain

Student Id: 160224

ER Diagram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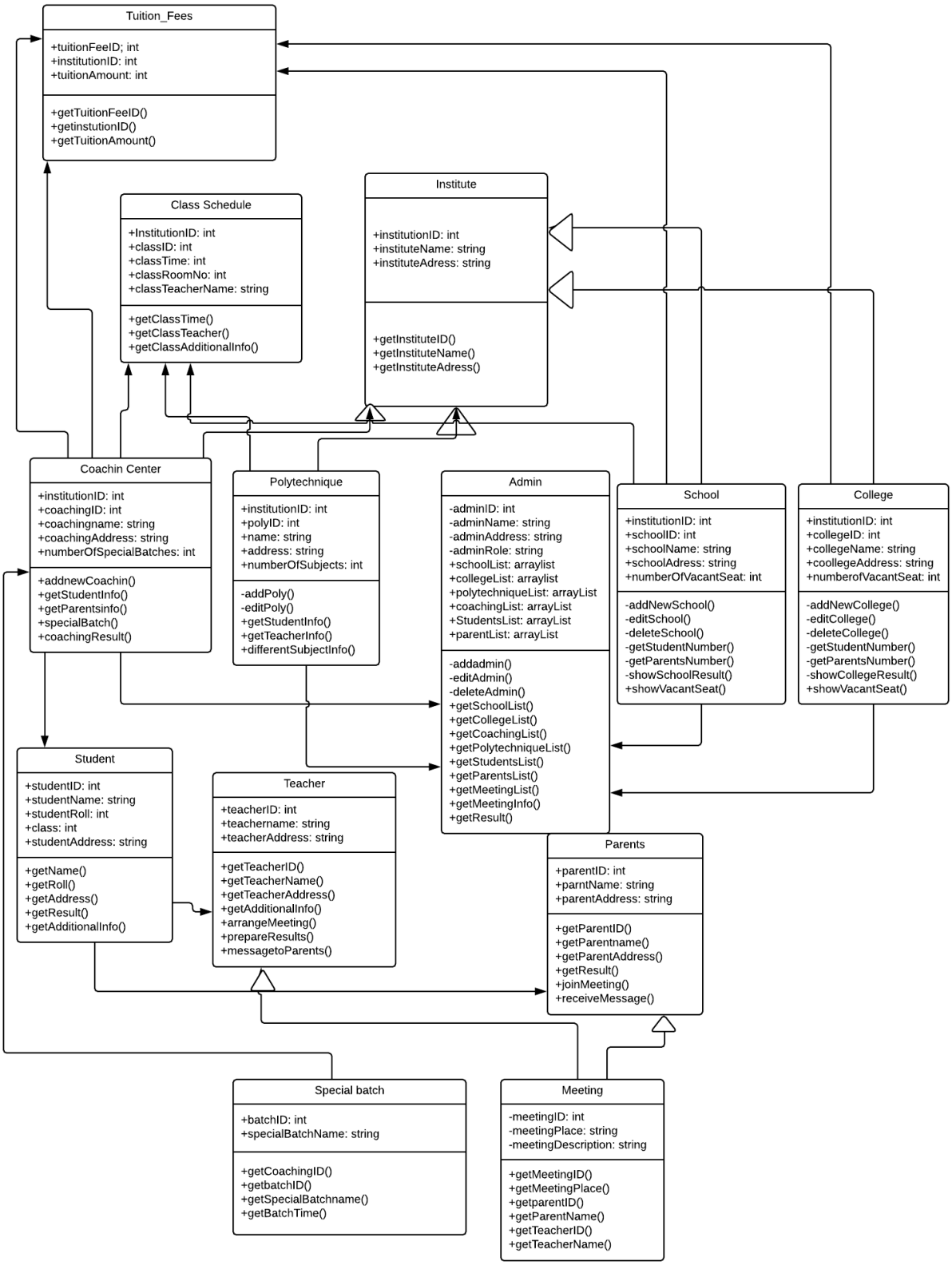
Indexes

Class Diagram



Class Admin:

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String adminName(int adminID)

String AdminAddress(ID)

String AdminRole(int ID)

List< School> getSchoolList(int SchoolID)

List< college> getCollegeList(int CollegeID)

List< polytechniqueList > getPolytechniqueList(int polyID)

List < AdminList> getAdminList(int adminID, String AdminName)

Boolean AddAdmin(int AdminID, String AdminName)

Boolean EditAdmin(int AdminID, String AdminName, String AdminAddress)

Class Institution:

String InstitutionName()

Int InstitutionID()

List< School> getSchoolList(int SchoolID)

List< college> getCollegeList(int CollegeID)

List< polytechniqueList > getPolytechniqueList(int polyID)

Class School:

int InstitutionID()

String InstitutionName(int institutionID)

List< School> getSchoolList(int SchoolID)

List< Student > getStudentList(int StudentID)

Boolean EditSchool(School)

Boolean AddSchool(School)

String getStudentResult(int StudentID)

String getParentsContactNo(int ParentID)

List< Teacher> getTeacherList(Teacher)

Boolean AddSchool(School)

Boolean EditSchool(School)

String ResultInfo(int StudentID)

Class College:

int InstitutionID()

String InstitutionName(int institutionID)

List< College> getCollegeList(int CollegeID)

List< Student > getStudentList(int StudentID)

Boolean EditCollege (College)

Boolean AddCollege (College)

String getStudentResult(int StudentID)

String getParentsContactNo(int ParentID)

List< Teacher> getTeacherList(Teacher)

Boolean AddCollege(College)

Boolean EditCollege(College)

String ResultInfo(int StudentID)

Class Polytechnique:

int InstitutionID()

String InstitutionName(int institutionID)

List< Polytechnique> get PolytechniqueList(int PolytechniqueID)

List< Student > getStudentList(int StudentID)

Boolean EditPolytechnique (Polytechnique)

Boolean AddPolytechnique (Polytechnique)

String getStudentResult(int StudentID)

String getParentsContactNo(int ParentID)

List< Teacher> getTeacherList(Teacher)

Boolean Add_Polytechnique(Polytechnique)

Boolean Edit_Polytechnique(Polytechnique)

String ResultInfo(int StudentID)

Class CoachingCenter:

int InstitutionID()

String InstitutionName(int institutionID)

List< Coachingcenter> get Coachingcenter(int CoachingcenterID)

List< Student > getStudentList(int StudentID)

Boolean EditCoachingcenter (Coachingcenter)

Boolean AddCoachingcenter (Coachingcenter)

String getStudentResult(int StudentID)

String getParentsContactNo(int ParentID)

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Class SpecialBatch:

int InstitutionID()

String InstitutionName(int institutionID)

List< Specialbatch> getSpecialbatch(int SpecialbatchID)

List< Student > getStudentList(int StudentID)

Boolean EditSpecialbatch(Specialbatch)

Boolean AddSpecialbatch(Specialbatch)

String getStudentResult(int StudentID)

String getParentsContactNo(int ParentID)

List< Teacher> getTeacherList(Teacher)

Boolean AddSpecialbatch(Specialbatch)

Boolean EditSpecialbatch(Specialbatch)

String ResultInfo(int StudentID)

Class Student:

Int getStudentID()

String getStudentName(int ID)

List<Student> getStudentList(int ID, String Name)

Boolean Admission(int institutionID)

Boolean AddStudent(Student)

Boolean EditStudent(Student)

Boolean SearchStudent(Student)

Int getAttendance(int ID)

Int getMarks(int ID)

String Address(int ID)

String getClassSchedule()

Class Parent:

Int getParent()

String getParentName(int ID)

List<Parent> getParentList(int ID, String Name)

Int getMarks(int StudentID,int institutionID)

String Address(int ID)

Boolean AddParent(Parent)

Boolean EditParent(Parent)

Boolean JoinMeeting(int StudentID, int InstitutionID)

String ReceiveMessage(int StudentID, int InstitutionID)

String getClassSchedule()

Class Teacher:

Int getTeacher()

String getTeacherName(int ID)

List< Teacher > getTeacherList(int ID, String Name)

Boolean AddTeacher(Teacher)

Boolean EditTeacher(Teacher)

Boolean CallMeeting()

String SentMessage(int StudentID, int ParentID)

String getClassSchedule()

Class MeetingSchedule:

Boolean CallMeeting(int ParentID, int TeacherID)

String meetingTime(ID)

Boolean Edit meetingTime(MeetingSchedule)

String getMeetingPlace()

String getMeetingTopic()

Class ClassSchedule:

String getClassTime()

String getClassTeacher(int TeacherID)

Boolean EditClassSchedule(ClassSchedule)

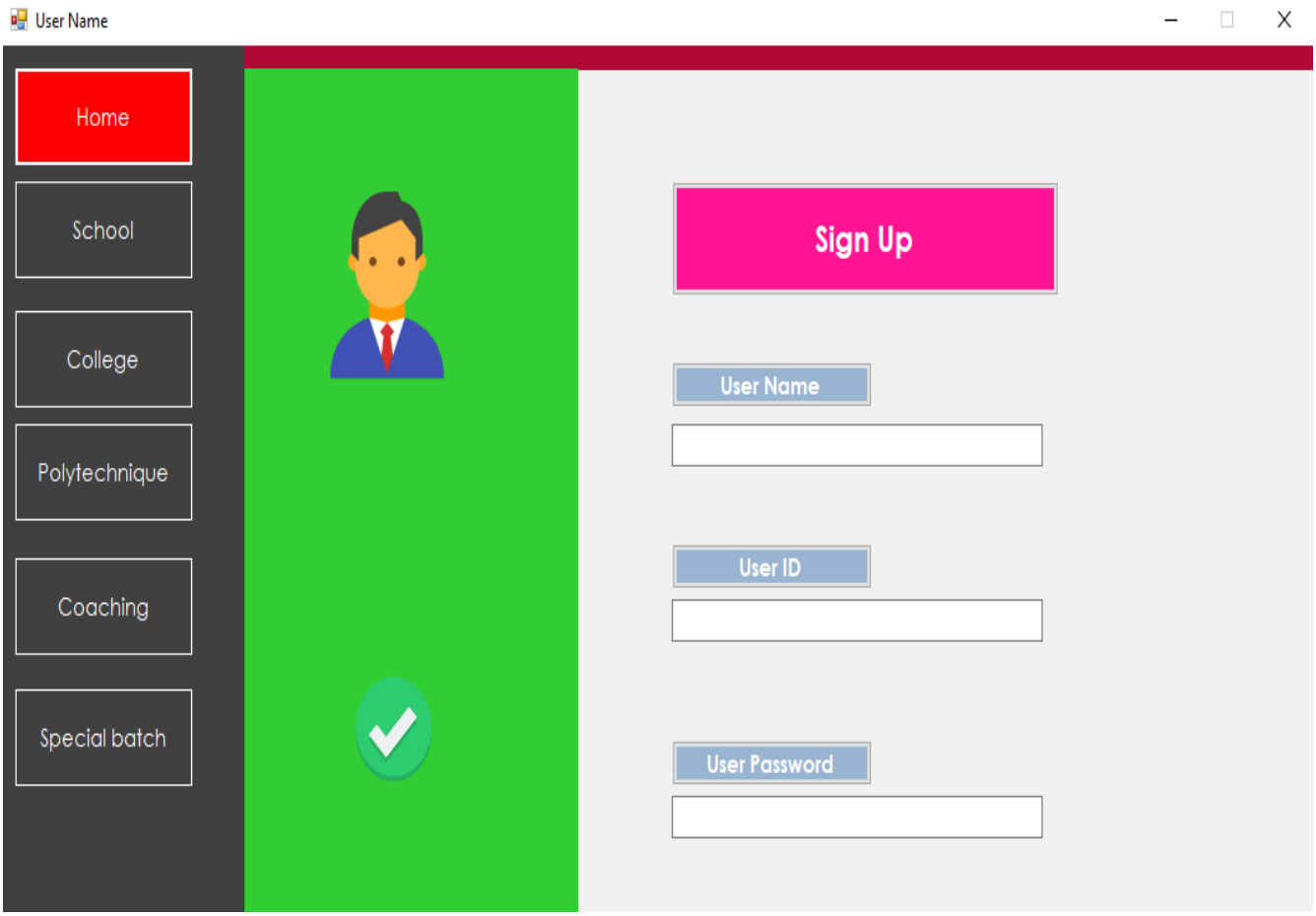
Class TuitionFees:

String getInstitutionID()

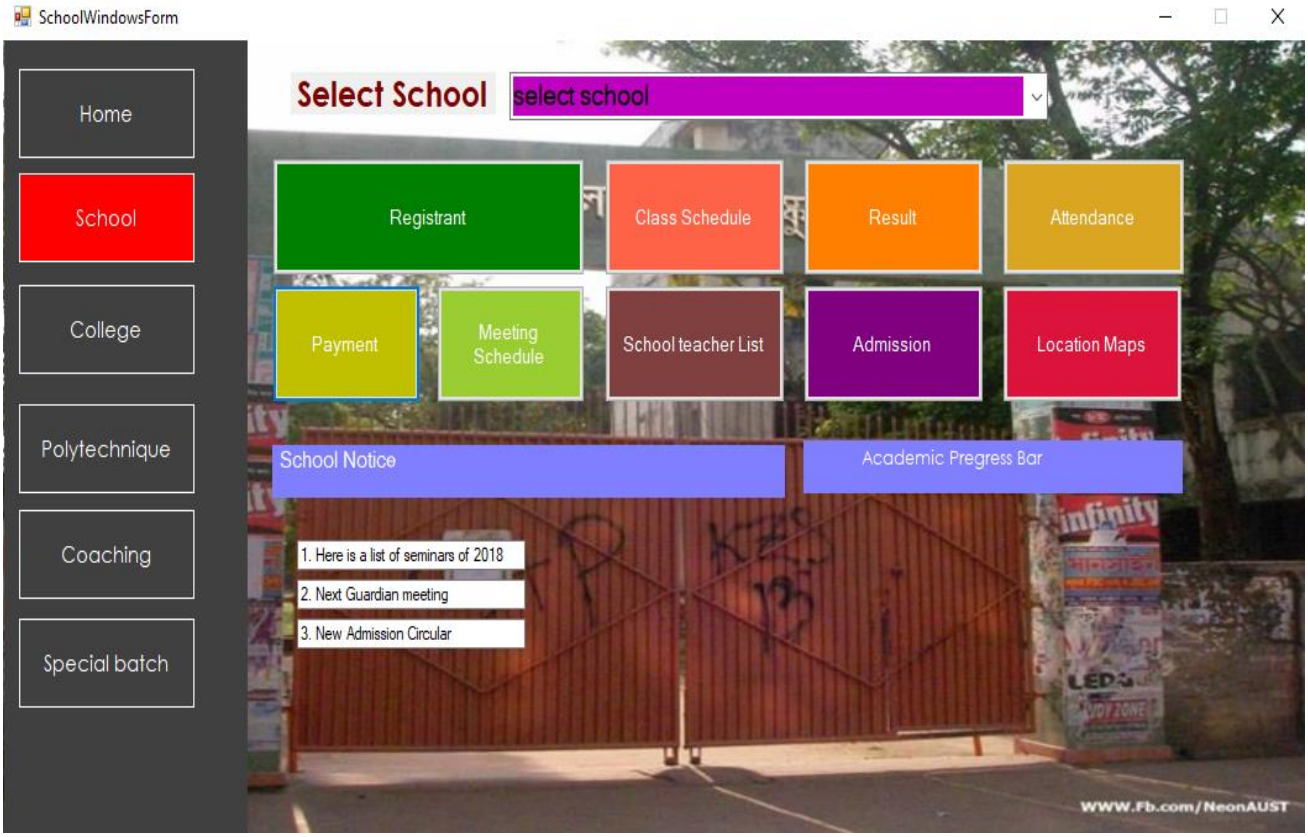
String getTuitionAmount(TuitionFees)

User Interface:

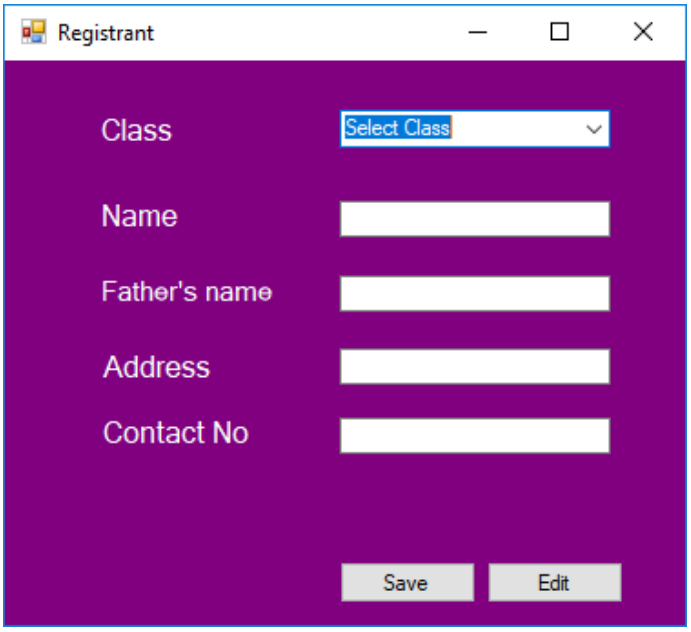
Home Page:



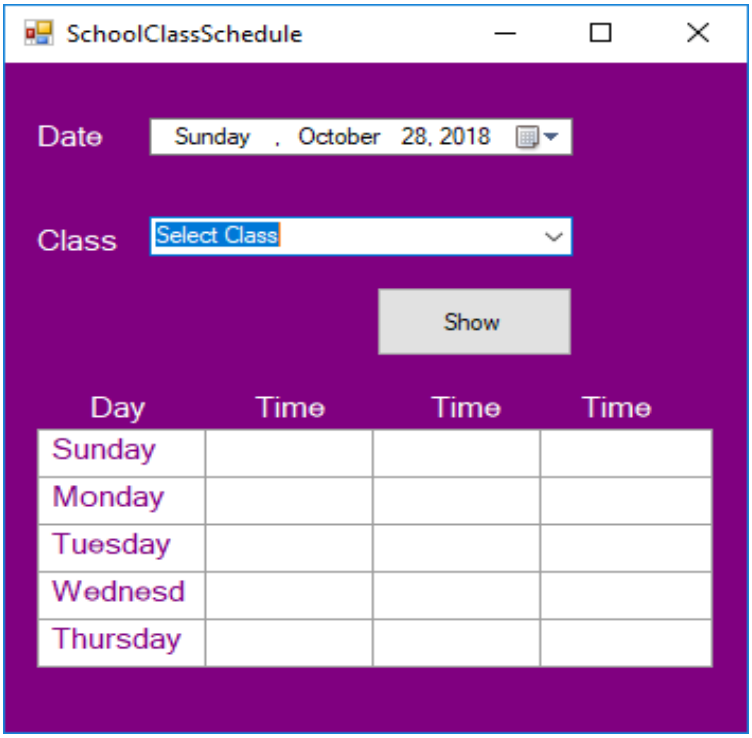
School DashBoard



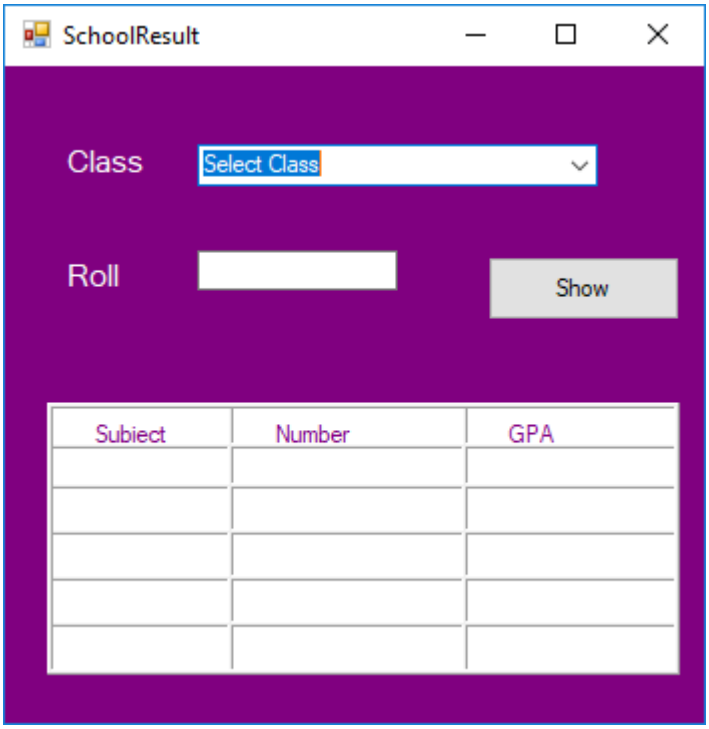
School Student registration



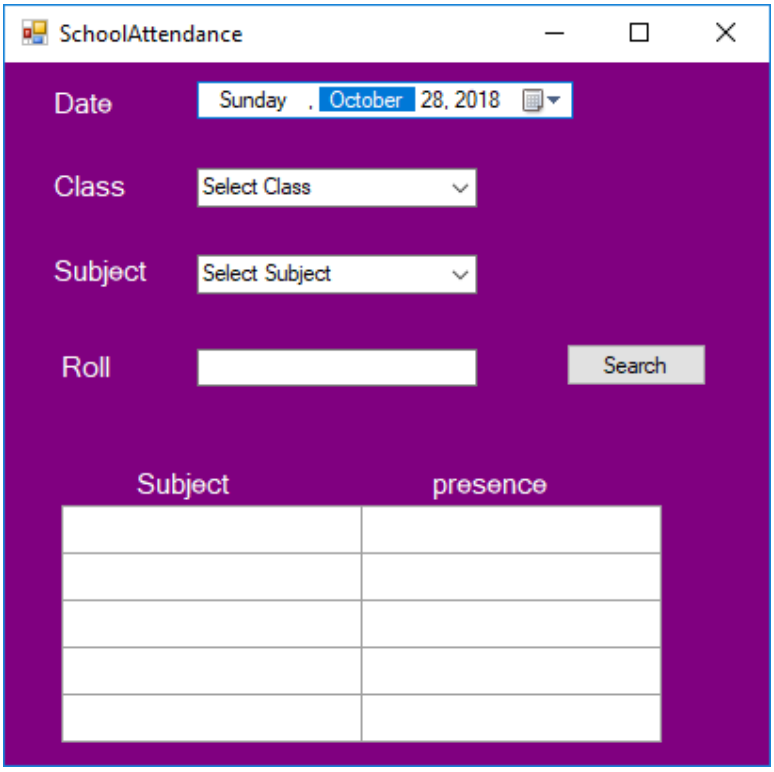
School Student Class Schedule:



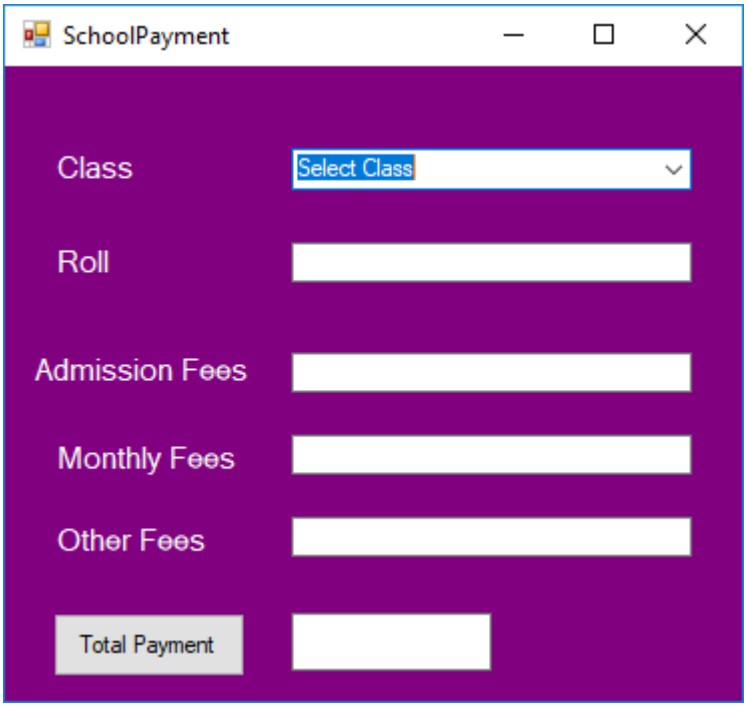
School Student result



School Student Attendance



School Payment



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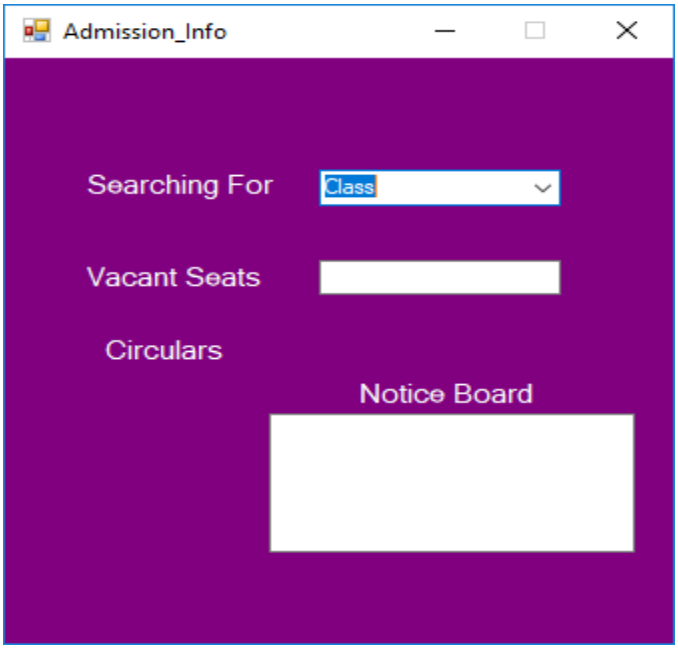
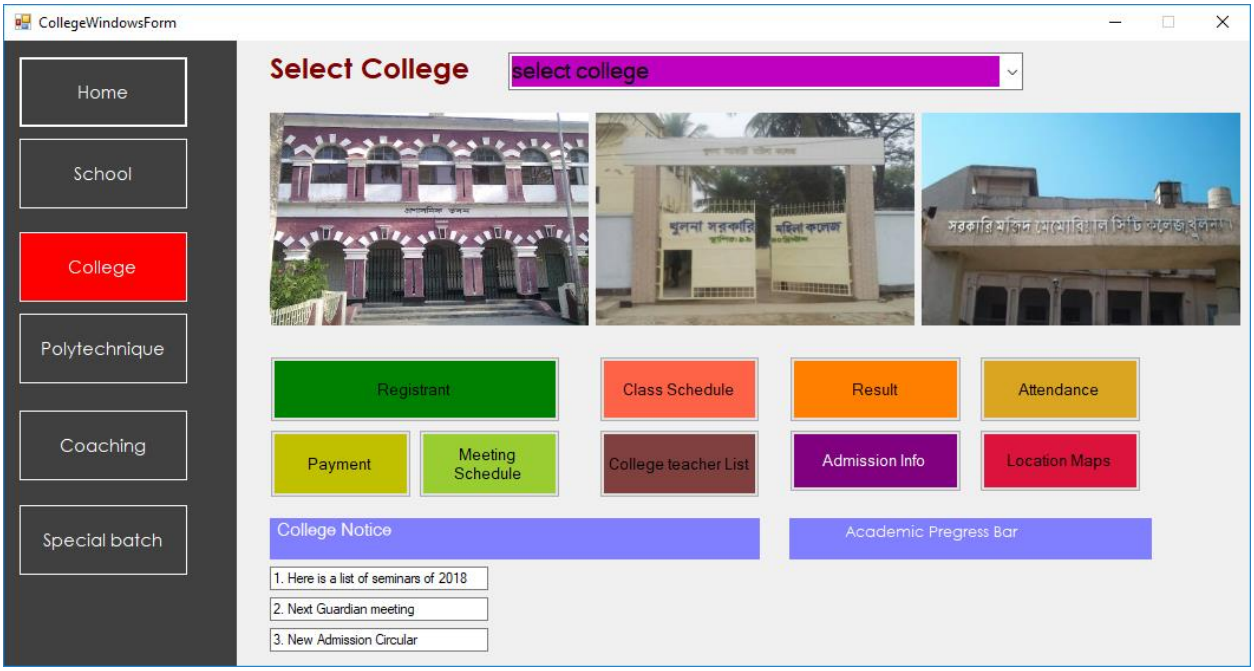
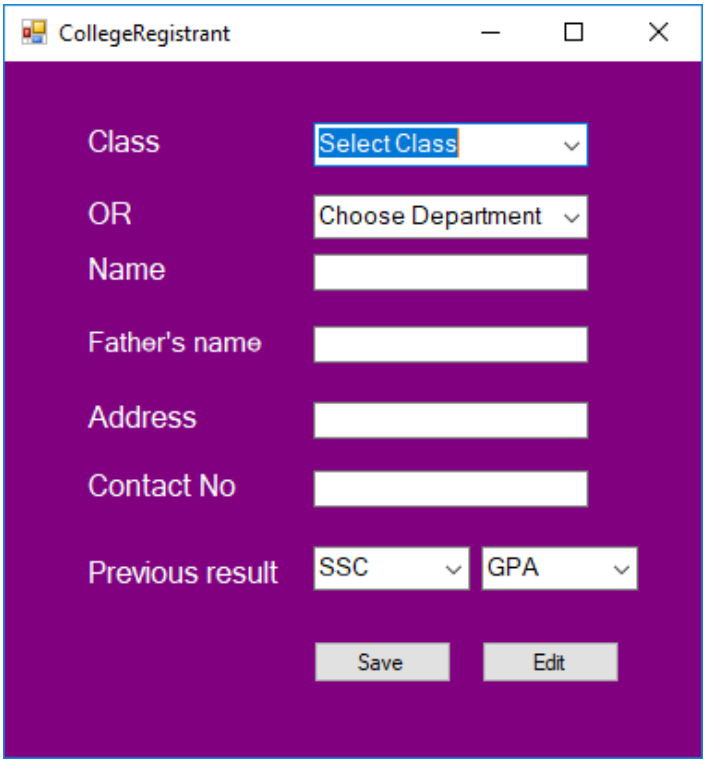


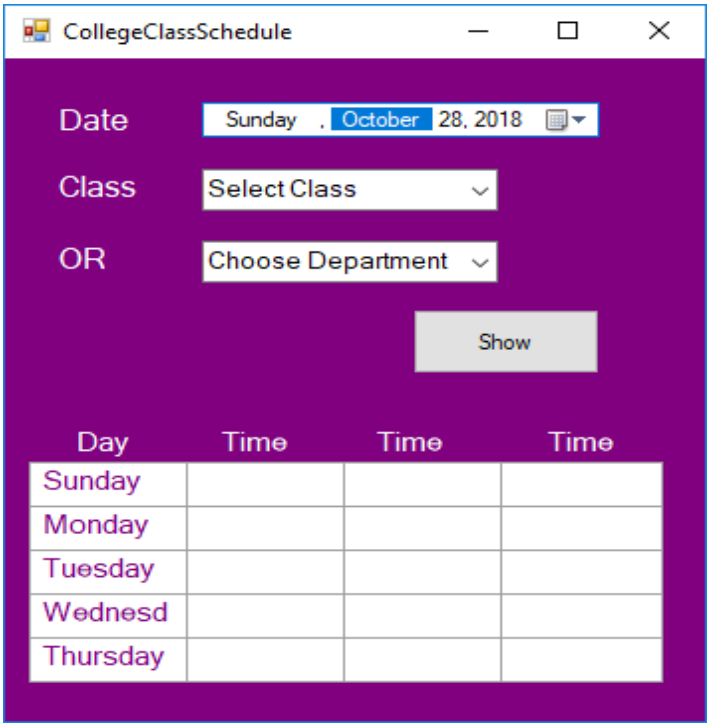
College DashBoard



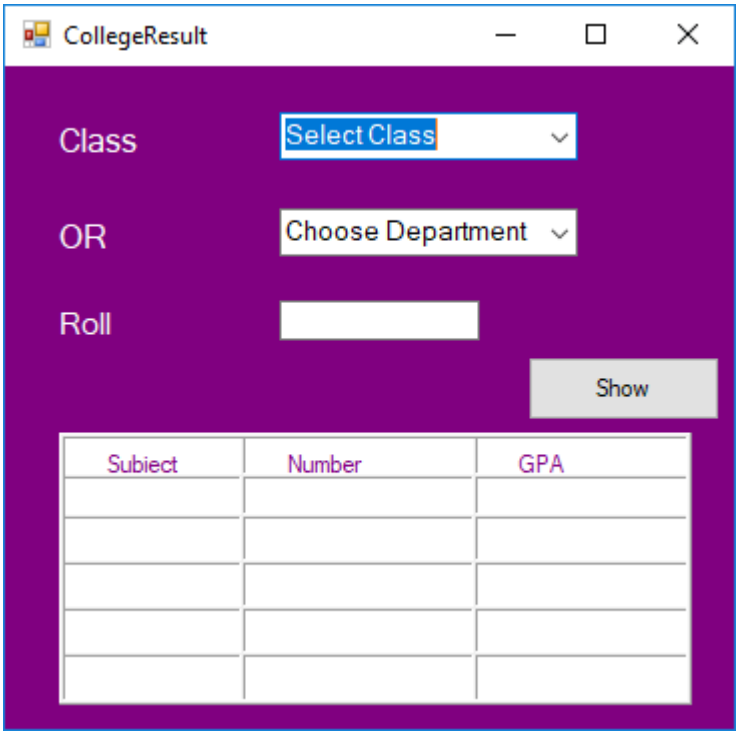
College Student registration



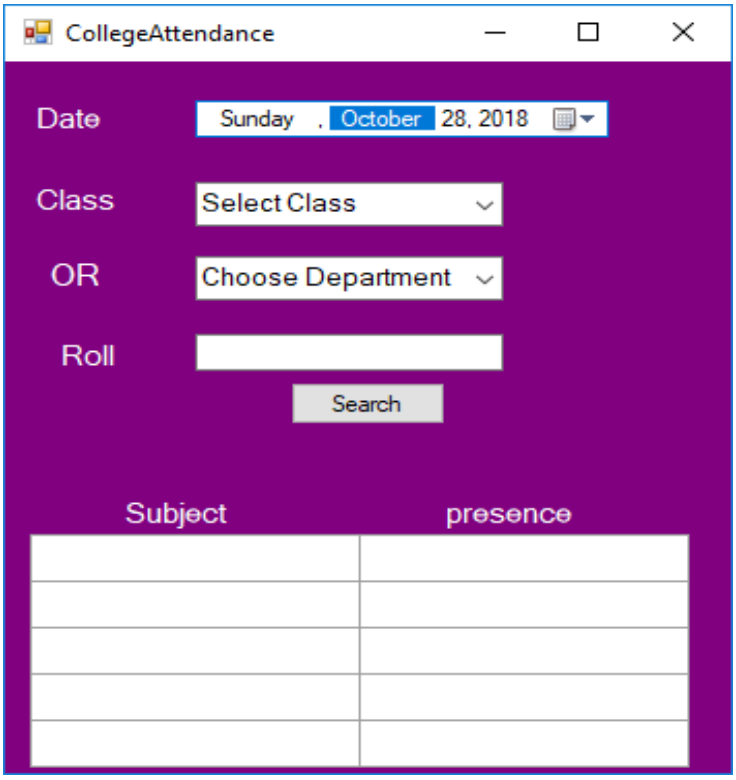
College Class Schedule



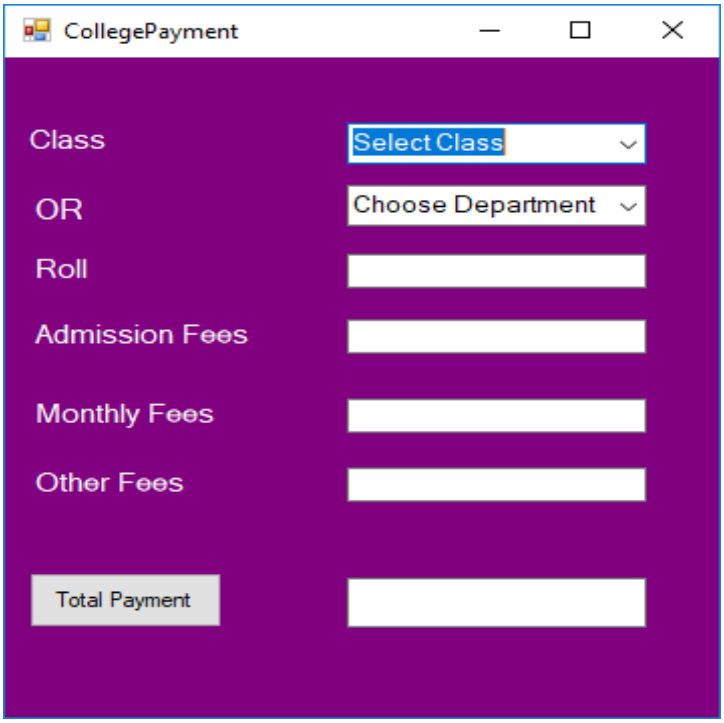
College Student result



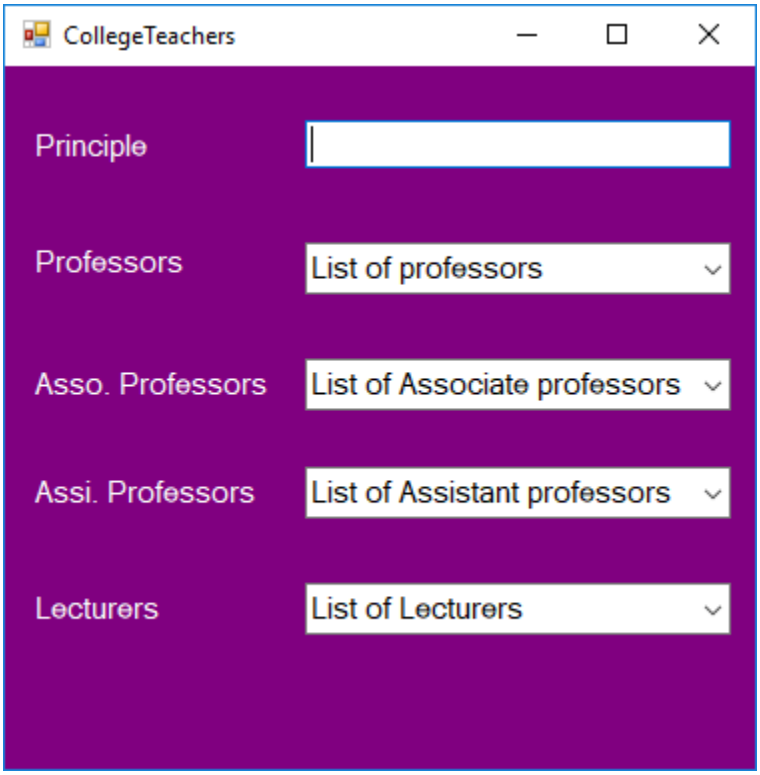
College Student Attendance



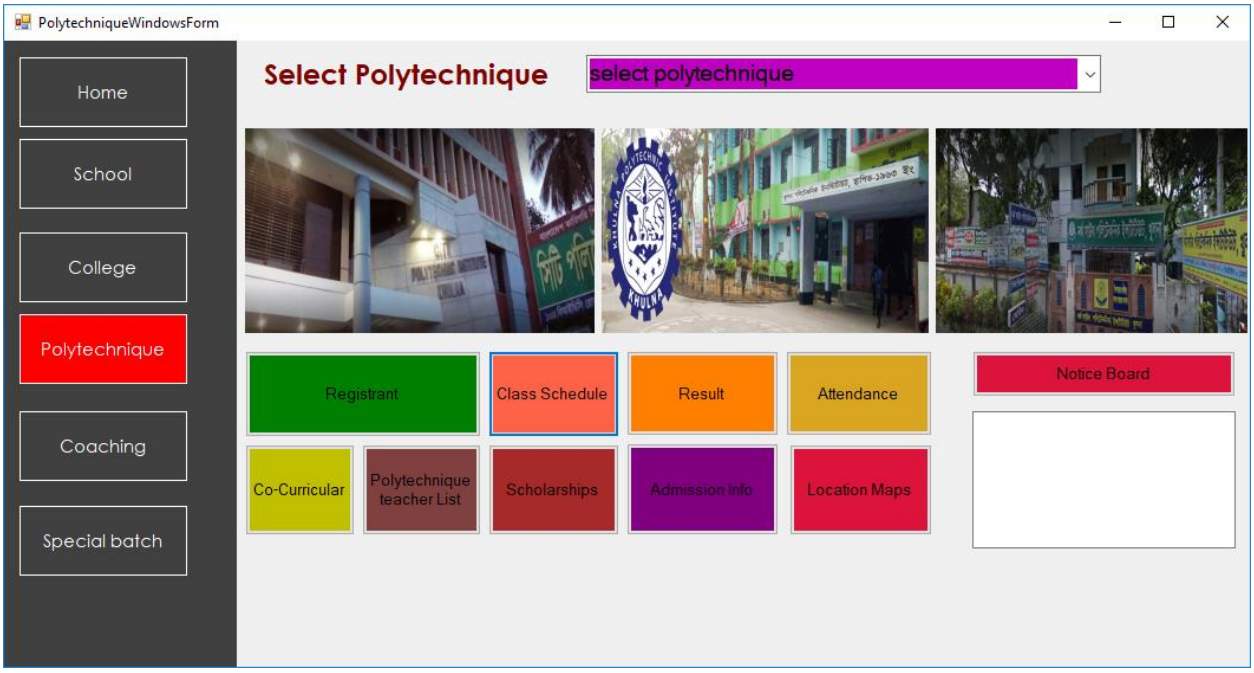
College Payment



College Teacher list



Polytechnique DashBoard



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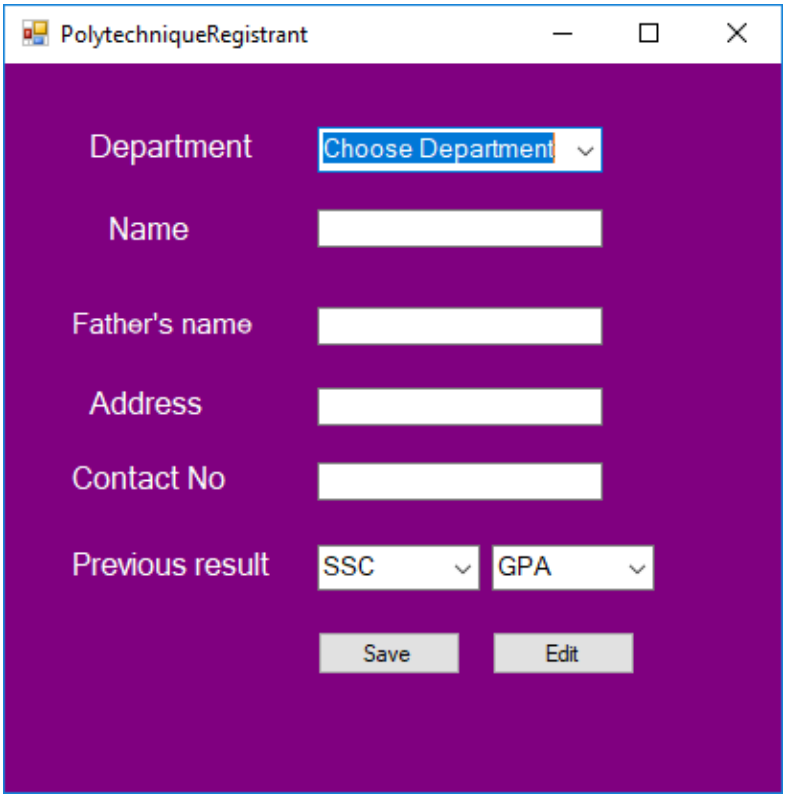
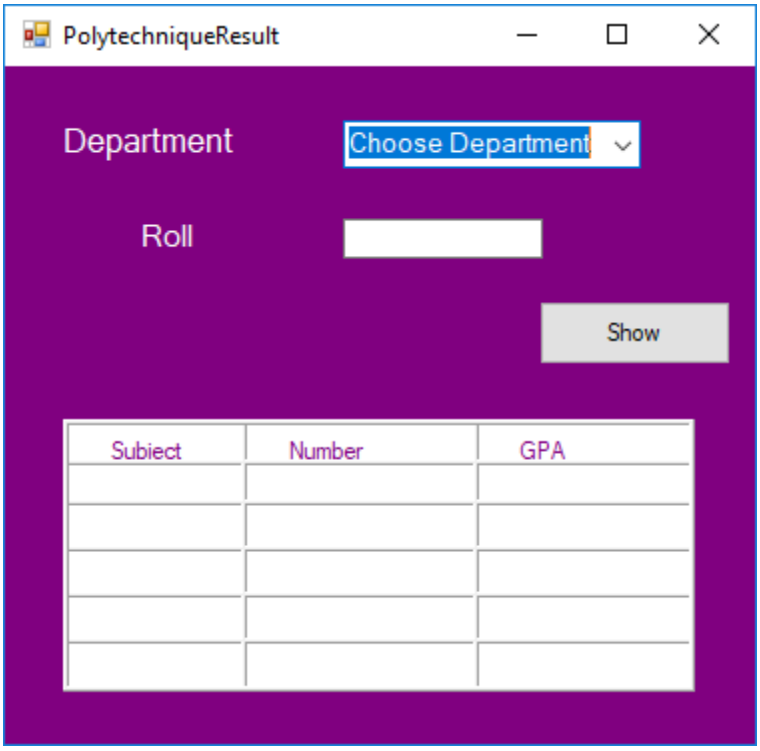


Polytechnique Result



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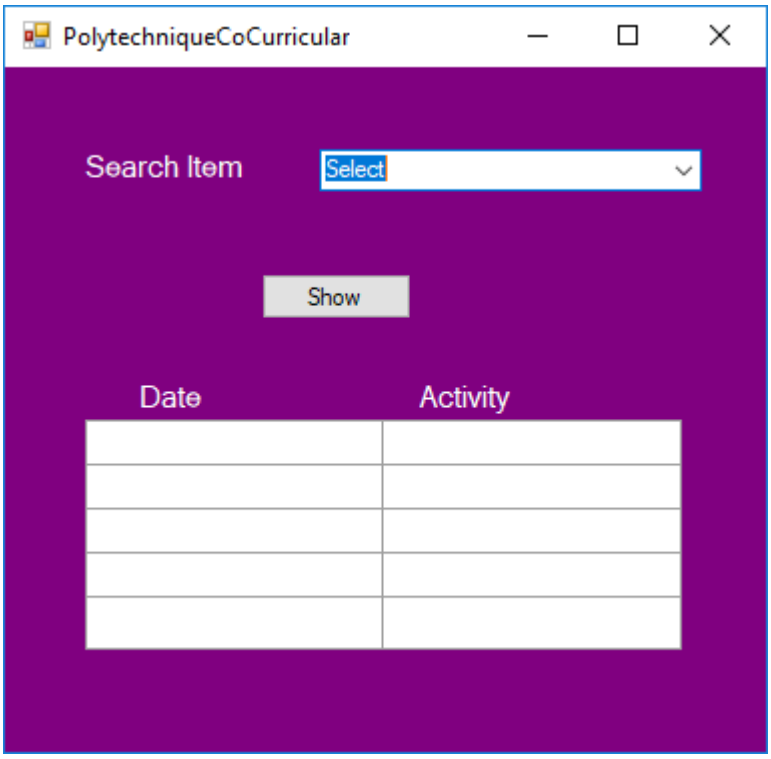

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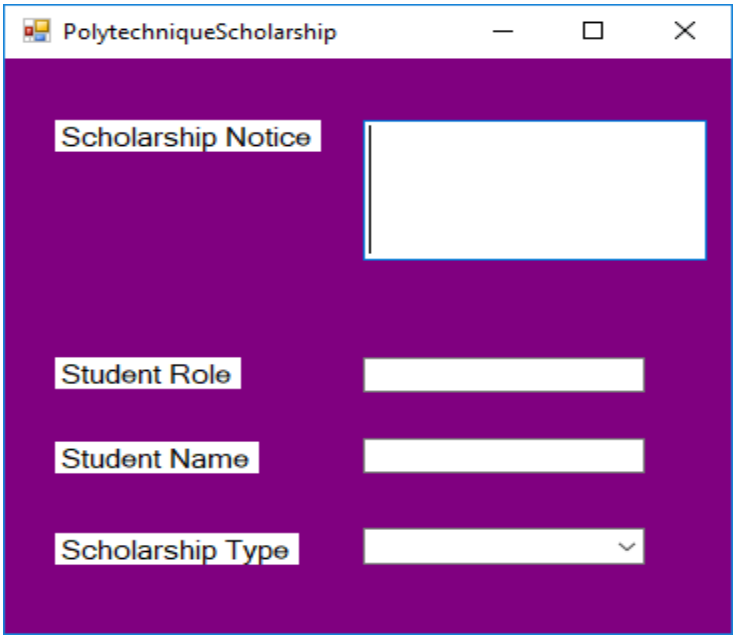
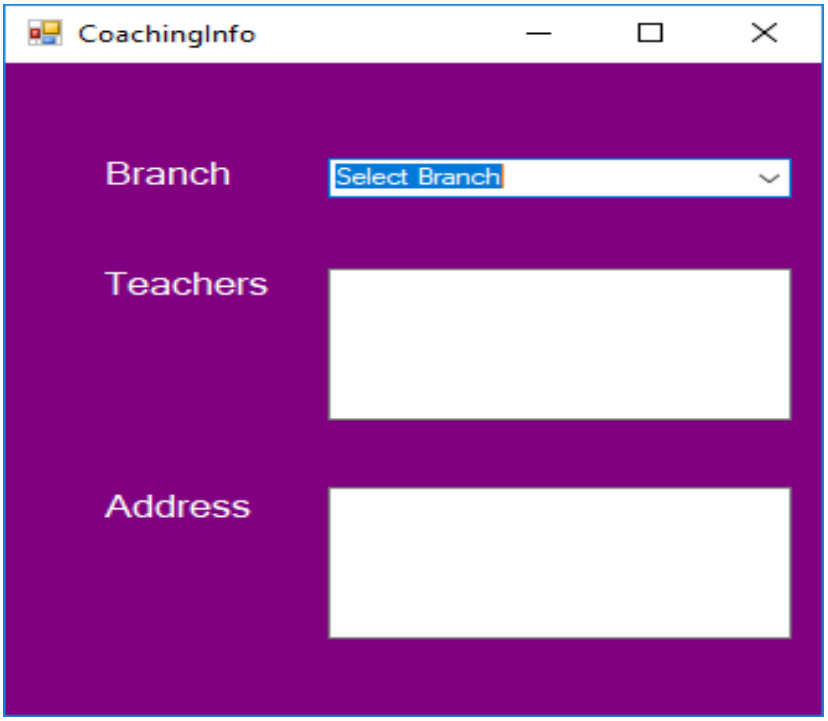
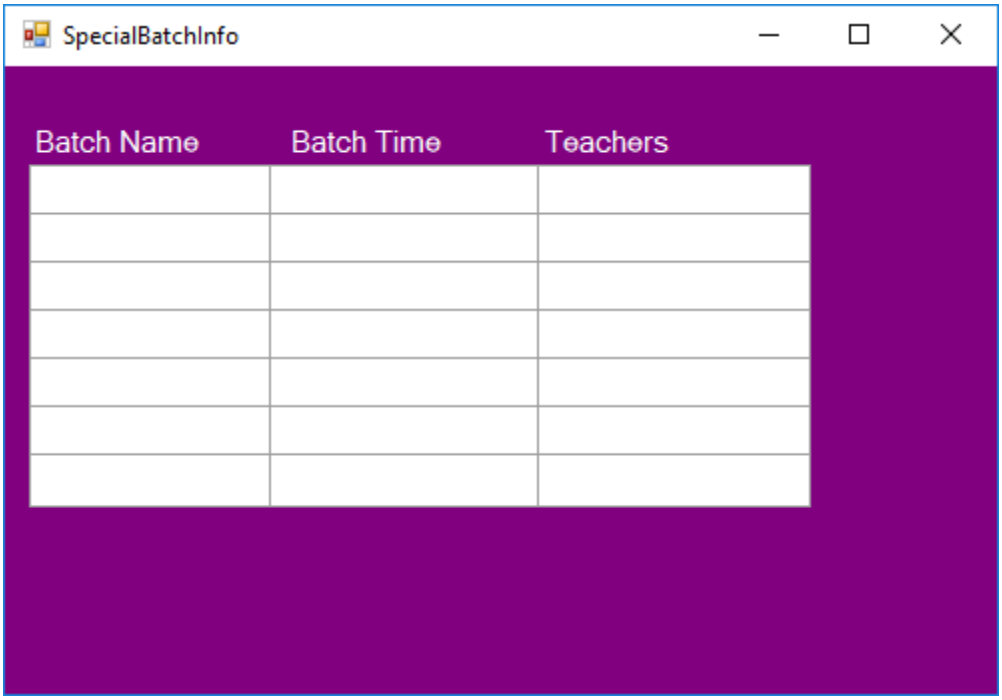


Coaching DashBoard

Coaching Info



Special Batch DashBoard

Special Batch Info