



**Daffodil**  
*International*  
**University**

## **FINAL PROJECT**

**Course Code: CSE-215**

**Course Title: Object Oriented Programming**

**Topic: Java All Topic with UML & Code Writing**

***Submitted To:***



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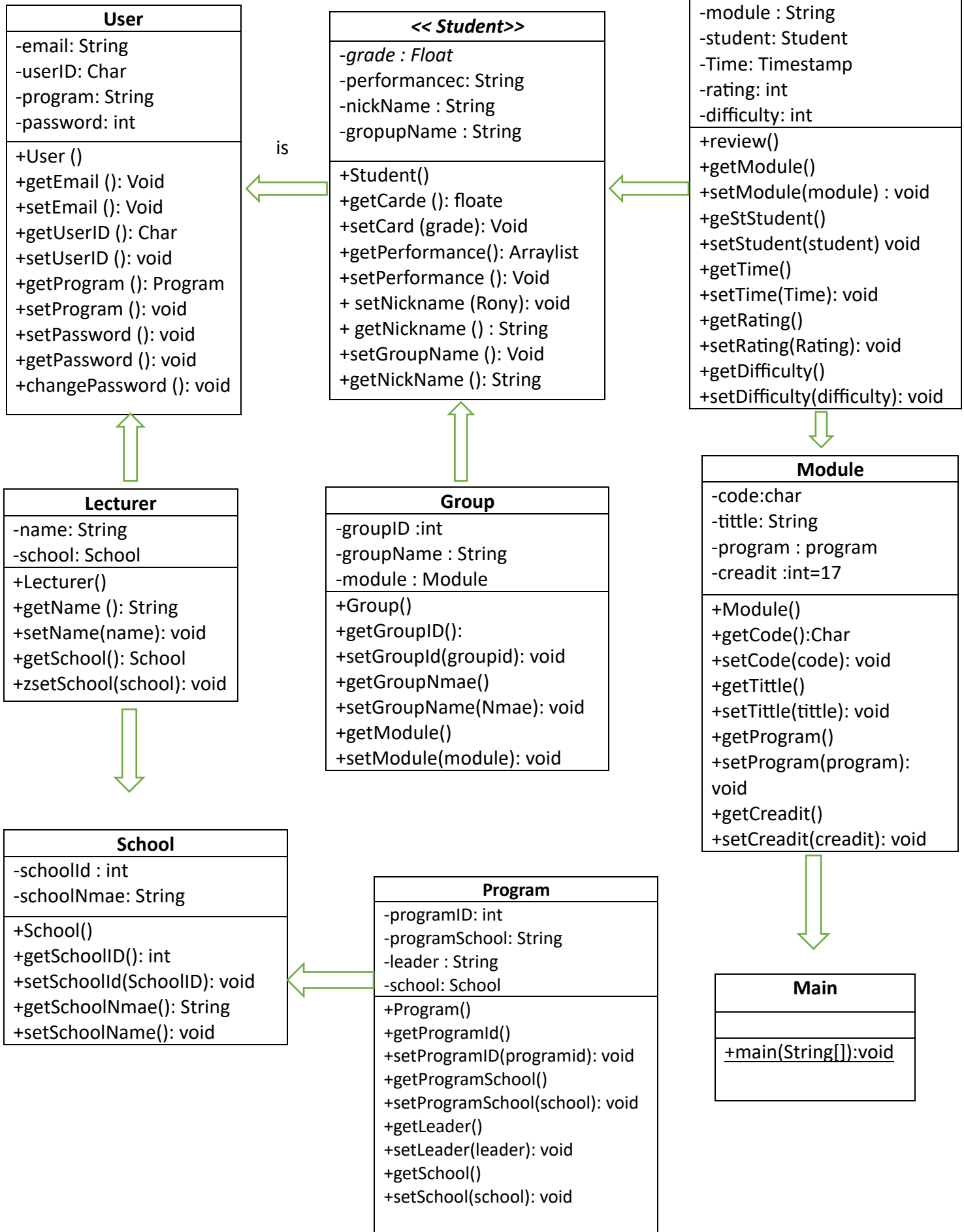
**Id:** 221-15-4967

**Section:** 61\_V1

Department of CSE

Daffodil International University

**Submission Date: 21-06-2023**



```

public class User{
    private String email;
    private char UserID;
    private String program;
    private int password;

    public void setUserID(){
    }
    public void setEmail(String email){
        this.email=email;
    }
    public String getEmail(){
        return email;
    }
    public void setPassword (int password){
        this.password=password;
    }
    public int getPassword(){
        return password;
    }
    public void setProgram(String program){
        this.program=program;
    }
    public String getProgram(){
        return program;
    }
    public void setUserID(Character userID){
        this.UserID=userID;
    }
    public Character getUserID(){
        return UserID;
    }
}

```

```

public class User extends Student {

```

```

    public float grade;
    private String performance;
    private String nickname;
    private String groupname;

    public Student(){

    }
    public float getGrade(){
        return grade;
    }
    public void setGrade(float grade){
        this.grade=grade;
    }

    public void setPerformance(String performance){
        this.performance=performance;
    }
    public String getPerformance(){
        return performance;
    }
    public void setNickname(String nickname){
        this.nickname=nickname;
    }
    public String getNickname(){
        return nickname;
    }
    public void setGroupname( String groupname){
        this.groupname=groupname;
    }
    public String getGroupname(){
        return groupname;
    }
}

public class Student extends School {

```

```
private int schoolId;
private String schoolName;

public School(){

}

public void setSchoolId(int schoolId){
    this.schoolId=schoolId;
}

public int getSchoolId() {
    return schoolId;
}

public void setSchoolName(String schoolName){
    this.schoolName=schoolName;
}

public String getSchoolName(){
    return schoolName;
}
}
```

```
public class Student extends Review {
    private String module;
    private String student;
    private double time;
    private int rating;
    private int difficulty;

    public Review(){

    }

    public void setModule(String module){
        this.module=module;
    }

    public String getModule(){
        return module;
    }
}
```

```

    }
    public void setStudent(String student){
        this.student=student;
    }
    public String getStudent(){
        return student;
    }
    public void setRating(int rating){
        this.rating=rating;
    }
    public int getRating(){
        return rating;
    }
    public void setTime(double time){
        this.time=time;
    }
    public double getTime(){
        return time;
    }
    public void setDifficulty( int difficulty){
        this.difficulty=difficulty;
    }
    public int getDifficulty(){
        return difficulty;
    }
}

```

```

public class Program {
    private int programid;
    private String programSchool;
    private String leader;
    private String school;

    public Program(){

    }
}

```

```

    public void setProgramide (int programid){
        this.programid=programid;

    }
    public int getProgramid(){
        return programid;
    }
    public void setProgramSchool( String programSchool){
        this.programSchool=programSchool;
    }
    public String getProgramSchool(){
        return programSchool;
    }
    public void setLeader( String prgramLeader){
        this.leader=prgramLeader;
    }
    public String getLeader(){
        return leader;
    }
}

```

```

public class Module {
    private char code;
    private String tittle;
    private double time;
    private int credit;
    private String program;

    public void setTime(double time) {
        this.time = time;
    }

    public double getTime() {
        return time;
    }
}

```

```

    public void setCode(char code) {
        this.code = code;
    }

    public char getCode() {
        return code;
    }

    public void setProgram(String program) {
        this.program = program;
    }

    public String getProgram() {
        return program;
    }

    public void setTittle( String tittle){
        this.tittle=tittle;
    }
    public String getTittle(){
        return tittle;
    }
    public void setCredit(int credit){
        this.credit=credit;
    }
    public int getCredit(){
        return credit;
    }
}
public class Lecturer {
    private String name;
    private String School;

    public Lecturer(){

    }

    public void setName(String name){

```



```

        this.name=name;
    }
    public String getName(){
        return name;
    }
    public void setSchool( String school){
        this.School=school;

    }
    public String getSchool(){
        return School;
    }
}

```

```

public class Group {
    private int groupID;
    private String groupName;
    private String module;

    public Group(){
    }
    public void setGroupID(int groupID){
        this.groupID=groupID;
    }
    public int getGroupID(){
        return groupID;
    }
    public void setModule( String module){
        this.module=module;
    }
    public String getModule(){
        return module;
    }
    public void setGroupName( String groupName){
        this.groupName=groupName;
    }
    public String getGroupName(){

```

```

        return groupName;
    }
}

```

```

public class Mian {
    public static void main(String []args){
        User obj=new User(){

            }
        obj.getEmail();
        obj.setUserID();
        obj.getPassword();
        obj.getUserID();
    }
    Student obj=new Student(){
        obj.getGrade();
        obj.getGroupname();
        obj.getPerformance();
        obj.groupName();
    }
    School obj=new School (){
        obj.module();
        obj.student();
        obj.time();
        obj.difficulty();
    }
    Program obj=new Program(){
        obj.ProgramID();
        obj.ProgramSchool();
        obj.leader();
    }
    School obj=new School(){
        obj.SchoolID();
        obj.SchoolName();
    }
    Lecturer obj =new Lecturer(){
        obj.Name();
        obj.School();
    }
}

```

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**Student Id: 221-15-4967**  
**Section: 61\_V**  
**Project Submission : 21-06-2023**

**PROJECT : OBJECT ORIENTED PROGRAMMING (UML &  
CODE FOR SCHOOL STUDENT & TEACHER SYSTEM)**