

OOP PROJECT



Name : RIN Moni

Group : PT SD 15

Project Title : Student Grade Management

Programing language : C++

Project : STUDENT MANAGEMENT SYSTEM

- **Project Descriptions:**

The Student Management System project was developed in the C++ programming language. This system is built on the idea of keeping and creating all of the students' records. This application also includes a simple database of students for a school where the user may enter student information safely and conveniently. This system makes it simple for teachers to keep track of each student's progress. Furthermore, change and delete the information. This mini-project is also simple to use and comprehend for users.

- **Application Modules**

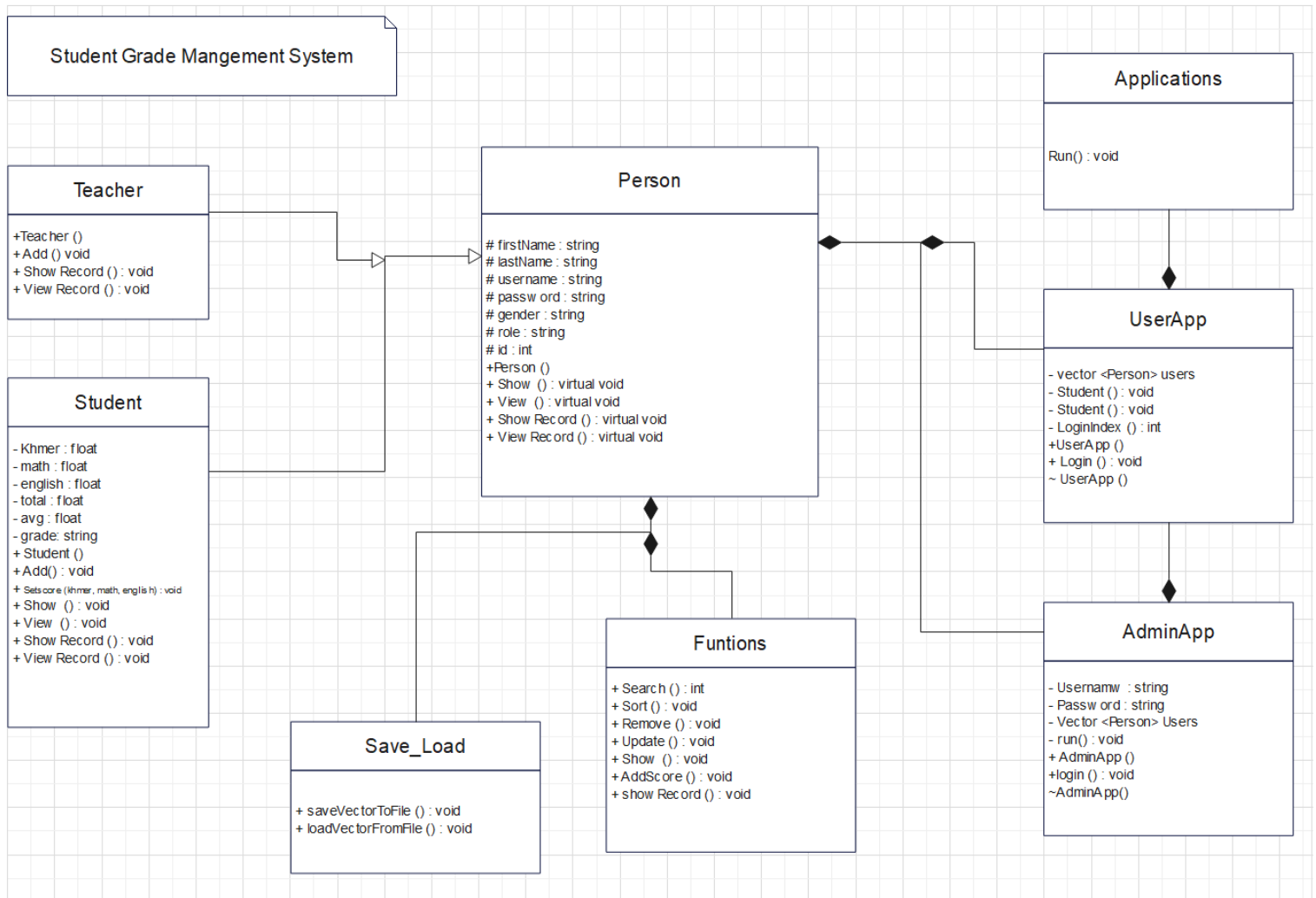
1. Student login
2. Teacher log in
3. Admin log in

- **User Features**

1. Student
 1. View Info
 2. View Record
 3. Change username
 4. Modify password
2. Teacher
 1. Add student record
 2. Search student
 3. Update student record
 4. View student record
 5. Change username
 6. Modify password
3. Admin
 1. Add student account
 2. Add teacher account
 3. Search user
 4. Sort user list
 5. View user list
 6. Update user account
 7. Remove user account
 8. Save
 9. Load

- Project Design

1.Logical Design



2. Physical Design

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D:\Student Grade Managemen  X + v
*****Welcom to Student Mangement System*****
=====
1. Login
2. Login as admin
0. Exit
Please choose your option : 1
Enter username: moni
Enter password: moni123
Login successfully
Student Menu :
1. View info
2. View record
3. Change username
4. Modify password
0. Back
Please choose your option : 1
=====View Information=====
ID: 1000
Full Name : rin moni
Gender : Male
Role : Student
Student Menu :
1. View info
2. View record
3. Change username
4. Modify password
0. Back
Please choose your option : |
```

```
D:\Student Grade Managemen  X + v
Login successfully
Teacher Menu :
1. Add student record
2. Search student
3. Update student record
4. View student Record
5. Change username
6. Modify password
0. Back
Please choose your option : 4
=====View student record=====
No      ID      FirstName/LastName  Khmer  Math  English  Total  Avg  Grade
1       1000      rin   moni         100    99    98       297   99    A
3       1000      chan  tola           0      0      0        0     0    N/A
Teacher Menu :
1. Add student record
2. Search student
3. Update student record
4. View student Record
5. Change username
6. Modify password
0. Back
Please choose your option : 1
=====Add student record=====
1. Search by ID
2. Search by Name
Please choose your option : 1
Enter ID : 1000
Enter Khmer score :100
Enter Math score :99
Enter English score :98
Teacher Menu :
```

*****Welcom to Student Mangement System*****
=====

- 1. Login
- 2. Login as admin
- 0. Exit

Please choose your option : 2

Enter username: admin
Enter password: admin

Admin Menu :

- 1. Add Student account
- 2. Add Teacher account
- 3. Search user
- 4. Sort user list
- 5. View user list
- 6. Update user account
- 7. Remove user account
- 8. Save
- 9. Load
- 0. Back

Please choose your option : 5

*****View user list*****

No	ID	FirstName/LastName		Gender	Role
1	1000	rin	moni	Male	Student
2	1001	rin	dary	Female	Teacher
3	1000	chan	tola	Male	Student

Admin Menu :

- 1. Add Student account
- 2. Add Teacher account
- 3. Search user
- 4. Sort user list
- 5. View user list
- 6. Update user account