REPORT

ON

SCHOOL MANAGEMENT SYSTEM

Course Title : System Analysis and Design Lab

Course Code : CSE 326

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What is school management?

School management is concerned with the planning and formulation of educational policies of programmes with a view to achieving educational goals.

Some problems of old school management system

Old admission system

Teacher student communication problem

Time based classes

Problem to do group based jobs/assignments

Manual attendance system

Student suffer for old payment system
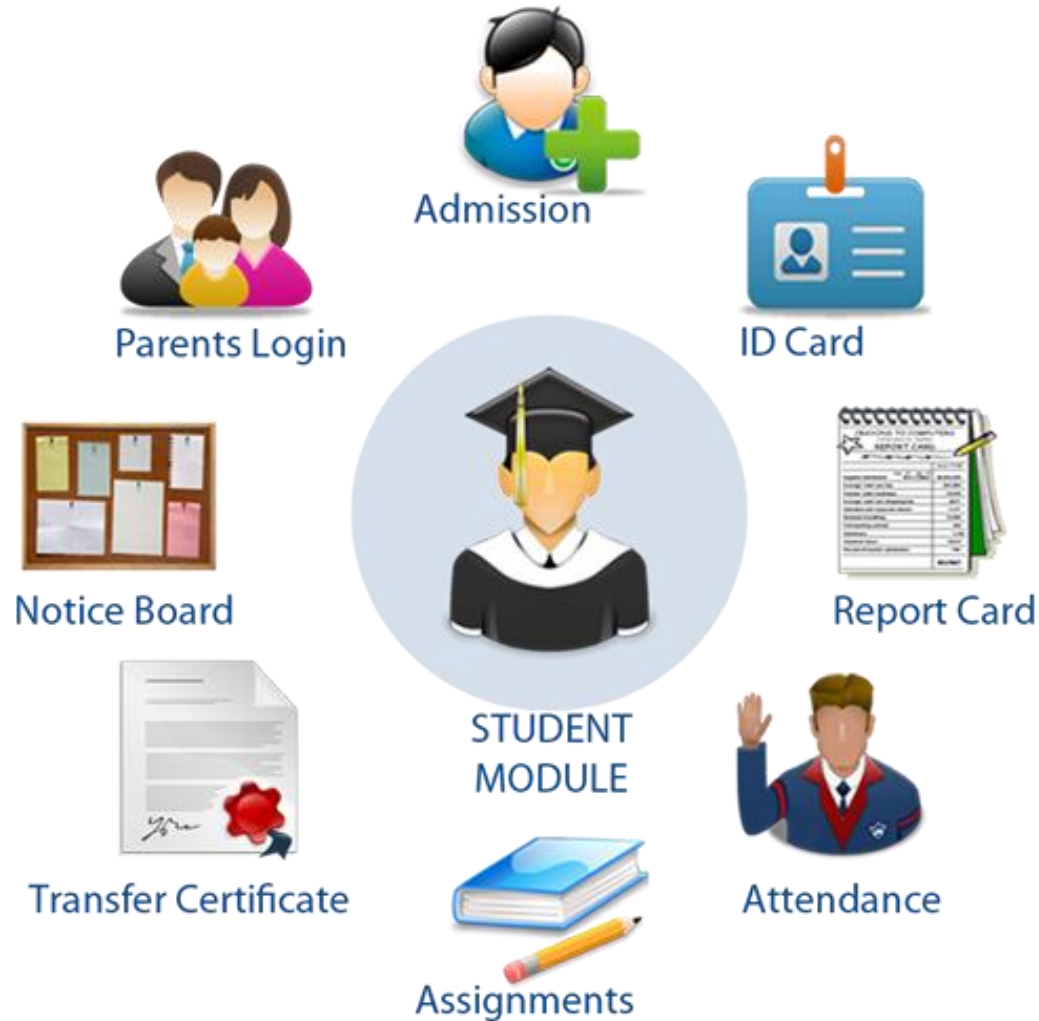
Frustrated

Students

Teachers

Parents

Solution of this problem

Online/Digital School Management System

Admission

ID Card

Parents Login

Notice Board

STUDENT MODULE

Report Card

Transfer Certificate

Assignments

Attendance

What is School Management System?

School Management System is a is a complete school management software designed to automate a school's diverse operations from classes, exams to school events calendar.

This school software has a powerful online community to bring parents, teachers and students on a common interactive platform. It is a paperless office automation solution for today's modern schools. The School Management System provides the facility to carry out all day to day activities of the school, making them fast, easy, efficient and accurate.

Digital School Management Land Mark

Requirement gathering Systems

There are so much requirement gathering system

Review Documentation

Observe

Survey

Interview

JAD session

Research

We gather our information with Observation and Research

Requirement gathering

Functional Requirements

- Admin shall add new student, teacher, and class and modify them
- Student shall login by his/her id.
- Teacher shall login by his/her id
- Parents shall login through his child id
- Declare result online

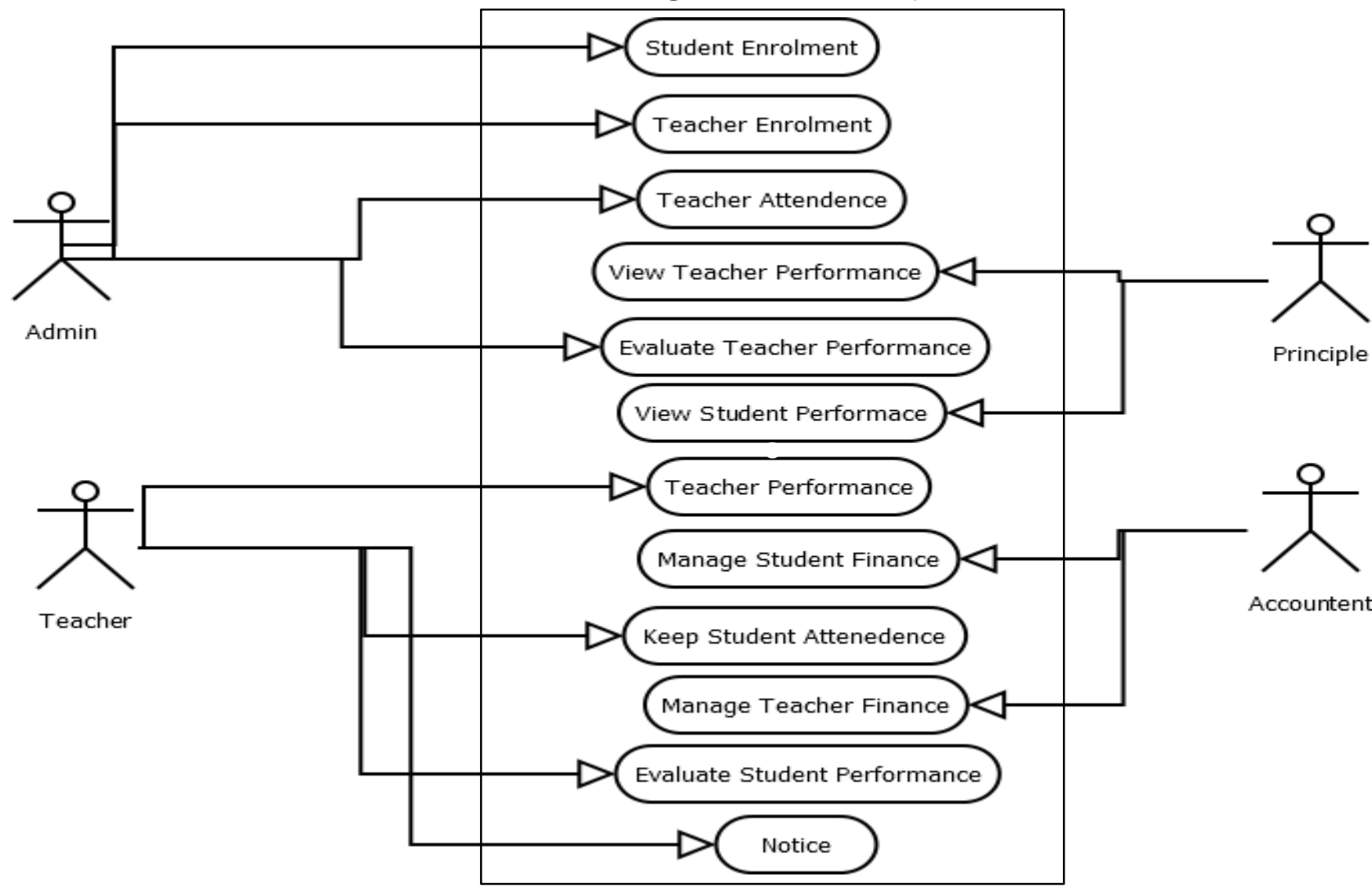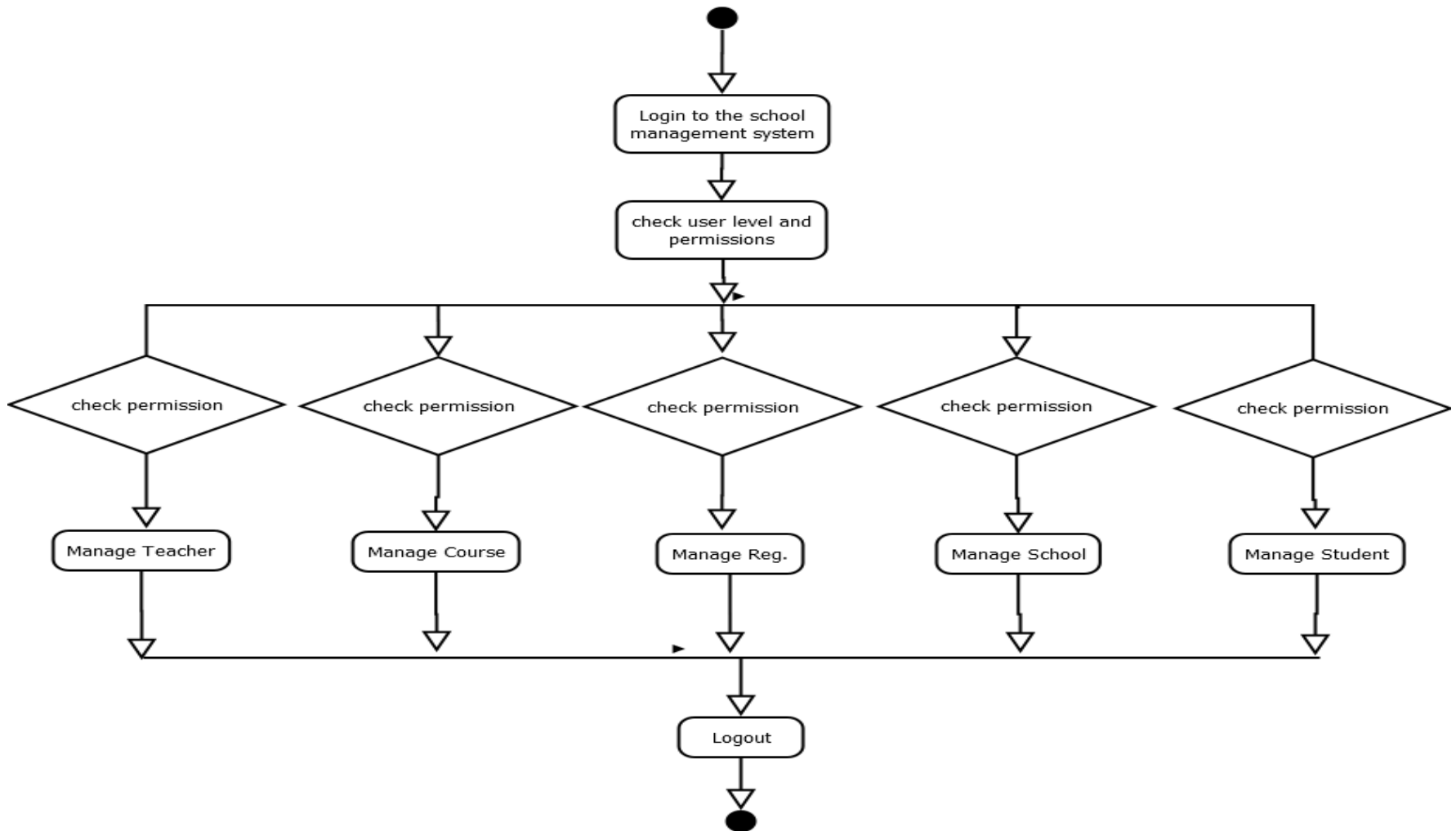## Non-Functional Requirements

- Usability
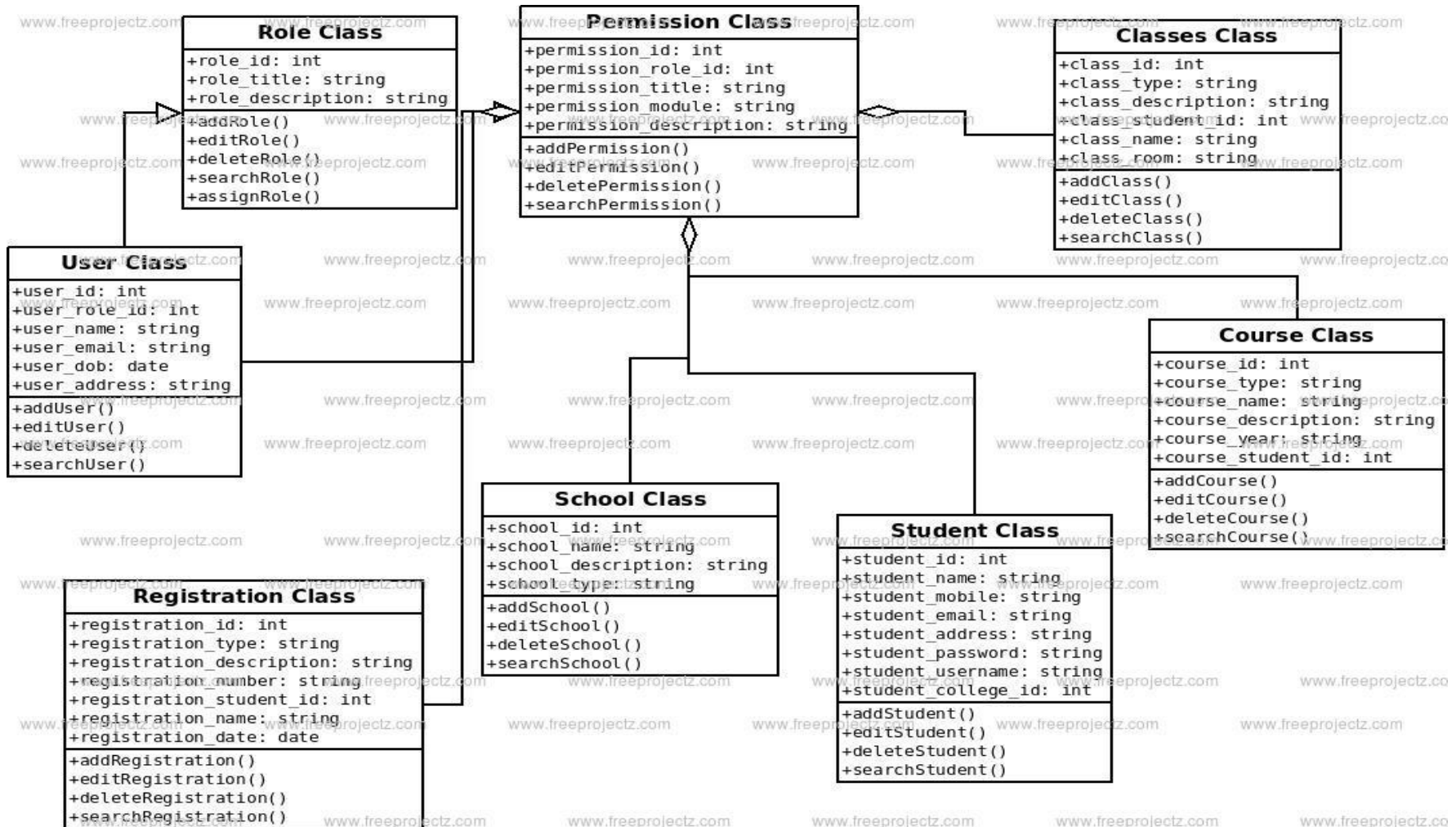- Efficiency
- Performance
- Space
- Portability

Use Case Diagram for

School Management System

Activity Diagram for

School Management System

Class Diagram

Role Class
+role_id: int
+role_title: string
+role_description: string
+addRole()
+editRole()
+deleteRole()
+searchRole()
+assignRole()

Permission Class
+permission_id: int
+permission_role_id: int
+permission_title: string
+permission_module: string
+permission_description: string
+addPermission()
+editPermission()
+deletePermission()
+searchPermission()

Classes Class
+class_id: int
+class_type: string
+class_description: string
+class_student_id: int
+class_name: string
+class_room: string
+addClass()
+editClass()
+deleteClass()
+searchClass()

User Class
+user_id: int
+user_role_id: int
+user_name: string
+user_email: string
+user_dob: date
+user_address: string
+addUser()
+editUser()
+deleteUser()
+searchUser()

Course Class
+course_id: int
+course_type: string
+course_name: string
+course_description: string
+course_year: string
+course_student_id: int
+addCourse()
+editCourse()
+deleteCourse()
+searchCourse()

School Class
+school_id: int
+school_name: string
+school_description: string
+school_type: string
+addSchool()
+editSchool()
+deleteSchool()
+searchSchool()

Student Class
+student_id: int
+student_name: string
+student_mobile: string
+student_email: string
+student_address: string
+student_password: string
+student_username: string
+student_college_id: int
+addStudent()
+editStudent()
+deleteStudent()
+searchStudent()

Registration Class
+registration_id: int
+registration_type: string
+registration_description: string
+registration_number: string
+registration_student_id: int
+registration_name: string
+registration_date: date
+addRegistration()
+editRegistration()
+deleteRegistration()
+searchRegistration()

Class Diagram of School Management System

After complete this project I think teacher, parents, student, administrator all will not suffer from those various problems. And we will make a beautiful education system

Conclusion

At the end of this project not only will you have more inside knowledge about our career but also know how complex project we have to handle. We are thankful to our teacher SUPTA RICHARD PHILIP. We find so much fun as well as interesting with this project.