Figure: Use case Diagram

Database

fantastic_school_admin_db membership_userpermissions
- permissionID : int(10) unsigned
- memberID : varchar(20)
- tableName : varchar(100)
- allowInsert : tinyint(4)
- allowView : tinyint(4)
- allowEdit : tinyint(4)
- allowDelete : tinyint(4)

fantastic_school_admin_db membership_userrecords
- recID : bigint(20) unsigned
- tableName : varchar(100)
- pkValue : varchar(255)
- memberID : varchar(20)
- dateAdded : bigint(20) unsigned
- dateUpdated : bigint(20) unsigned
- groupID : int(11)

fantastic_school_admin_db teachers
- id : int(10) unsigned
- Name : varchar(40)
- Gender : varchar(40)
- Age : int(11)
- Phone : varchar(40)
- Email : varchar(80)
- StaffNumber : int(11)

fantastic_school_admin_db examresults
- id : int(10) unsigned
- student : int(10) unsigned
- RegNo : int(10) unsigned
- Class : int(10) unsigned
- Stream : int(10) unsigned
- Category : int(10) unsigned
- Subject : int(10) unsigned
- Marks : int(11)
- Term : int(10) unsigned
- AcademicYear : int(10) unsigned

fantastic_school_admin_db schoolmoney
- id : int(10) unsigned
- Class : int(10) unsigned
- Particulars : text
- Total : decimal(10,2)

fantastic_school_admin_db events
- id : int(10) unsigned
- Name : varchar(40)
- Date : date
- Details : text

fantastic_school_admin_db studentcategories
- id : int(10) unsigned
- Name : varchar(40)

fantastic_school_admin_db classes
- id : int(10) unsigned
- Name : varchar(40)

fantastic_school_admin_db membership_grouppermissions
- permissionID : int(10) unsigned
- groupID : int(11)
- tableName : varchar(100)
- allowInsert : tinyint(4)
- allowView : tinyint(4)
- allowEdit : tinyint(4)
- allowDelete : tinyint(4)

fantastic_school_admin_db branch
- id : int(10) unsigned
- Name : varchar(40)
- AccountNumber : varchar(40)

fantastic_school_admin_db notices
- id : int(10) unsigned
- Name : varchar(40)
- Date : date
- Details : text
- Posted_By : varchar(40)

fantastic_school_admin_db parents
- id : int(10) unsigned
- Name : varchar(40)
- Phone : varchar(40)
- Email : varchar(80)
- HomeAddress : varchar(40)

fantastic_school_admin_db timetable
- id : int(10) unsigned
- Time_Table : varchar(40)
- Class : int(10) unsigned
- Stream : int(10) unsigned

fantastic_school_admin_db membership_groups
- groupID : int(10) unsigned
- name : varchar(20)
- description : text
- allowSignup : tinyint(4)
- needsApproval : tinyint(4)

fantastic_school_admin_db students
- id : int(10) unsigned
- FullName : varchar(40)
- Gender : varchar(40)
- DOB : date
- Photo : varchar(40)
- No : varchar(40)

fantastic_school_admin_db membership_users
- memberID : varchar(20)
- passMD5 : varchar(40)
- email : varchar(100)
- signupDate : date
- groupID : int(10) unsigned
- isBanned : tinyint(4)

...escollection

- Class : int(10) unsigned
- Ses...

fantastic_school_admin_db subjects
- id : int(10) unsigned
- Name : varchar(40)

...streams

Figure: Schema Diagram

13
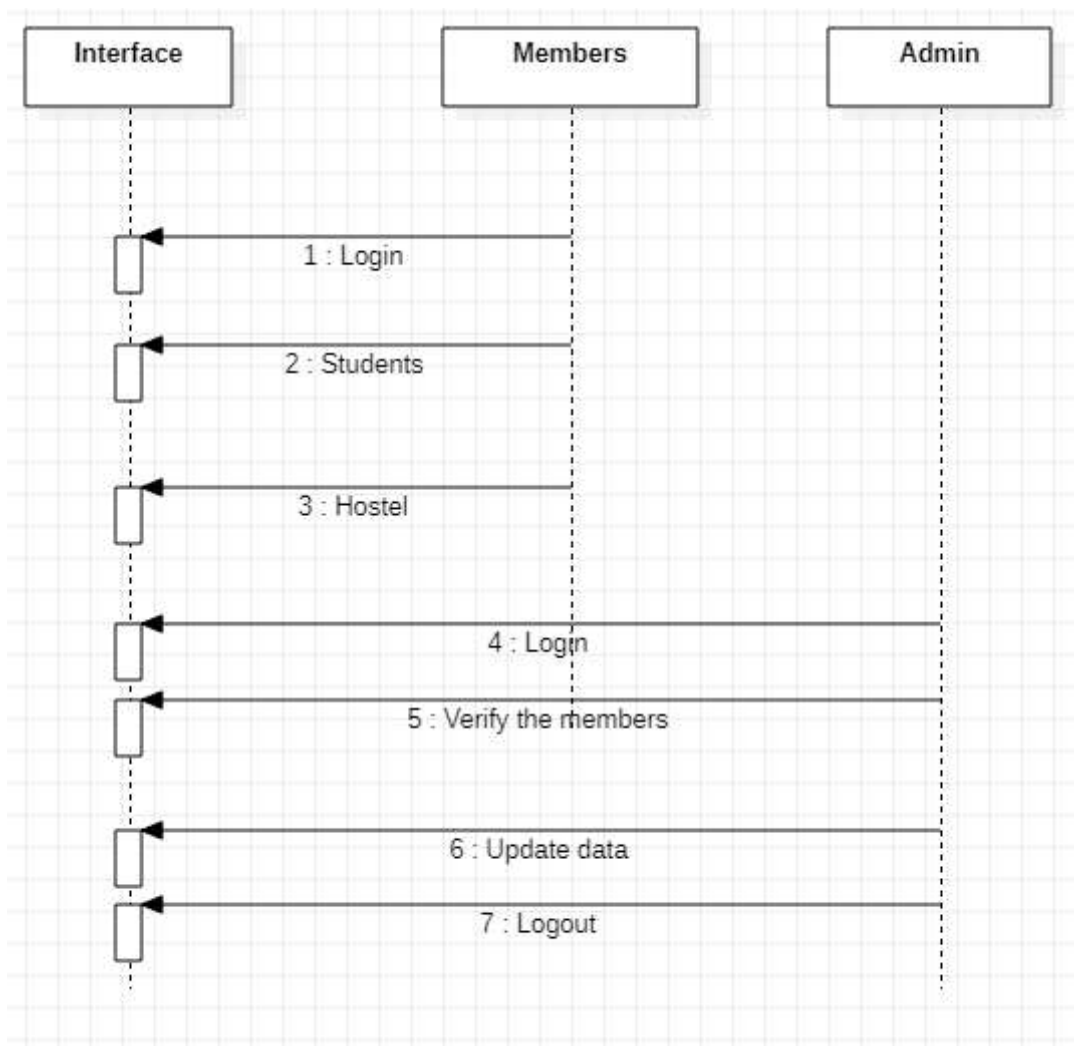
Figure: Sequence Diagram
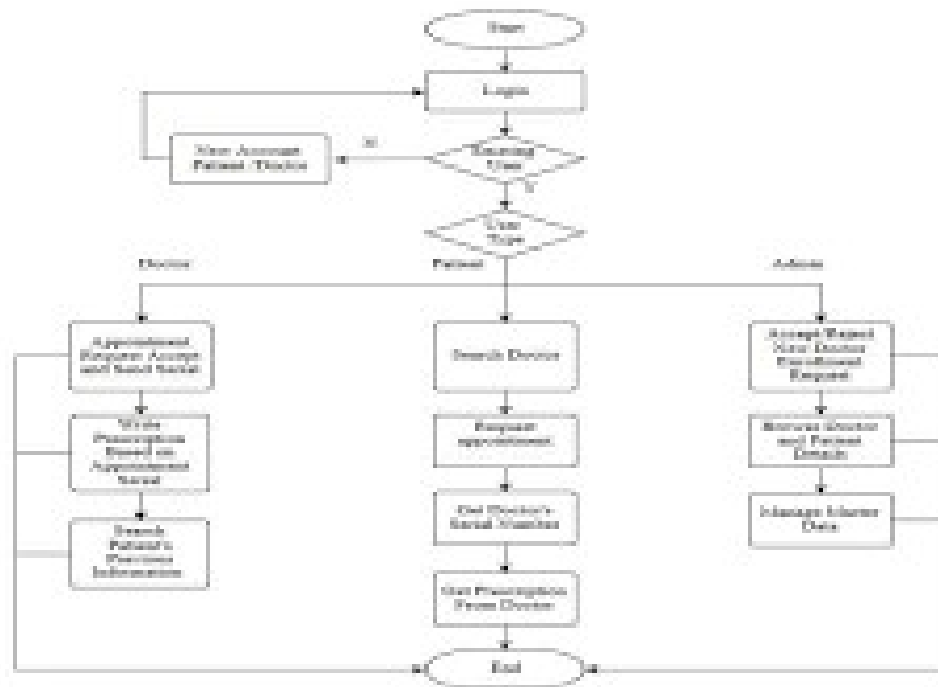
Figure: Flowchart

2.1 Profile of Problems

In the present system all work is done on paper. It takes long process to get the appointments of the doctors. Patients need to go to the hospital and get the appointments of the doctors which will consume patient's time and money

2.2 Structure of the project

- ❖ Before Login
  - ➢ Login
  - ➢ Register
- ❖ After Administrator Login
  - ➢ Add Members
  - ➢ Manage Members
  - ➢ View Students
  - ➢ View Hostels
  - ➢ View Groups
  - ➢ Logout
- ❖ After Members Login
  - ➢ View Students
  - ➢ View Hostels
  - ➢ View Classes
  - ➢ View Attendance
  - ➢ Logout
  - ➢ Logout

2.3 Scope and Feasibility

This activity is also known as the feasibility study.

Perform and evaluate feasibility studies like cost-benefit analysis, technical feasibility, time feasibility and operational feasibility for the project. Project Scheduling should be made using chats. Feasibility study is carried out t decide whether the proposed system is feasible for the company. It begins with a request from the user for a new system. It involves the following:

- Identify the responsible user for a new system
- Clarify the user request
- Identify deficiencies in the current system
- Establish goals and objectives for the new system
- Determine the feasibility for the new system
- Prepare a project charter that will be used to guide the remainder of the Project

2.4 System Analysis

It is a process of collecting and interpreting facts, identifying the problems, and decomposition of a system into its components.

System analysis is conducted for the purpose of studying a system or its parts in order to identify its objectives. It is a problem solving technique that improves the system and ensures that all the components of the system work efficiently to accomplish their purpose.

The objective of the system analysis activity is to develop structured system specification for the proposed system. The structured system specification should describe what the proposed system would do; independent of the technology, which will be used to implement these requirements. The structured system specification will be used to implement these requirements.

The essential model may itself consist of multiple models, modeling different aspect of the system. The data flow diagrams may model the data and there relationships and the state transition diagram may model time dependent behavior of the system. The essential model thus consists of the following.

- Context diagram
- Leveled data flow diagrams
- Process specification for elementary bubbles
- Data dictionary for the flow and stores on the DFDs.

2.5 System Design

System design involves transformation of the user implementation model into software design. The design specification of the proposed system consists of the following:

- Database scheme
- Sequence Diagram
- Flow Chart

2.6 Implementation

This activity includes programming, testing and integration of modules into a progressively more complete system. Implementation is the process of collect all the required parts and assembles them into a major product.

2.7 Test Generation

This activity generates a set of test data, which can be used to test the new system before accepting it. In the test generation phase all the parts are come which are to be tested to ensure that system does not produce any error. If there are some errors then we remove them and further it goes for accepting.

Screen Shot

Login Page

Sign In Here

Sign Up

Username

Username

Password

Password

Forgot your password? Click here

☐ Remember me

Sign In

Home Page

SCHOOL MANAGEMENT

School Management System

Welcome to **School Management System** admin - a beautiful system for managing your school.   ×

📢 Welcome to your Admin Dashboard!!.   ×

🙍 DASHBOARD	
👤 STUDENTS	
💳 FEESCOLLECTION	
🏠 HOSTELS	
👑 CLASSES	
⚷ SESSIONS	
📢 NOTICES	
📄 FEESSTRUCTURE	
📊 ATTENDANCE	

Students
6
→ View

FeesCollection
3
→ View

Banks
3
→ View

Teachers
2
→ View

Subjects
2
→ View

Classes
3
→ View

Streams
2
→ View

Hostels
2
→ View

Timetables
0
→ View

Events
1
→ View

Notices
1
→ View

Exam Results
0
→ View