APPOINTMENT SCHEDULER FOR THE DIRECTOR

SUBMITTED BY:
ARPITA KAYAL
ATUL KAITHAL
AYUSHI KUMARI
DEBOLINA SAHA
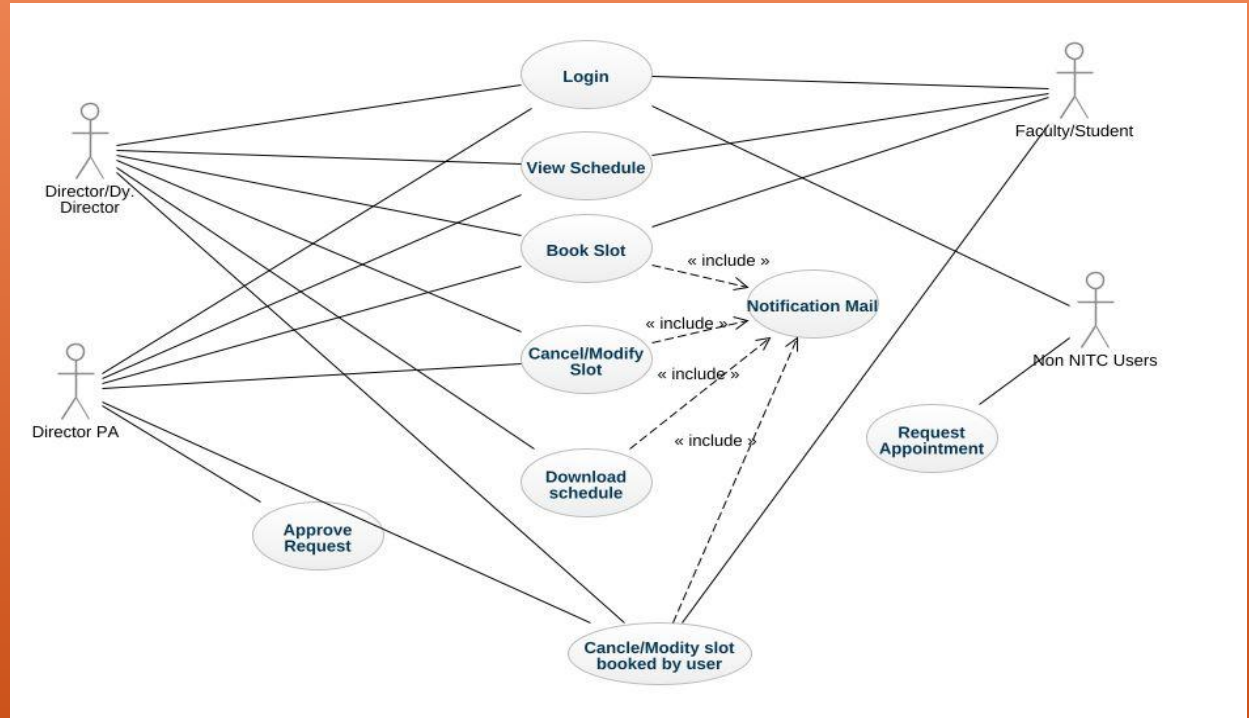**D PAVAN KUMAR**

FACULTY INCHARGE:
Dr. S D MADHU KUMAR

PROJECT OVERVIEW

These are the 4 types of users enlisted who will directly use the application for their purpose:

- **Faculty/Students**:
  - These are the users who can book,cancel and modify schedule as per their convenience.
- **Director/Dy.director**:
  - Here the user can login,cancel,modify and can view the history details of other users.
- **Director PA**:
  - Here the user can also book,cancel,view schedules with one more functionality this to approve request on order to book an appointment with the director.
- **Non NITC Users**:
  - These are the users having limited access to only request for an appointment with description.
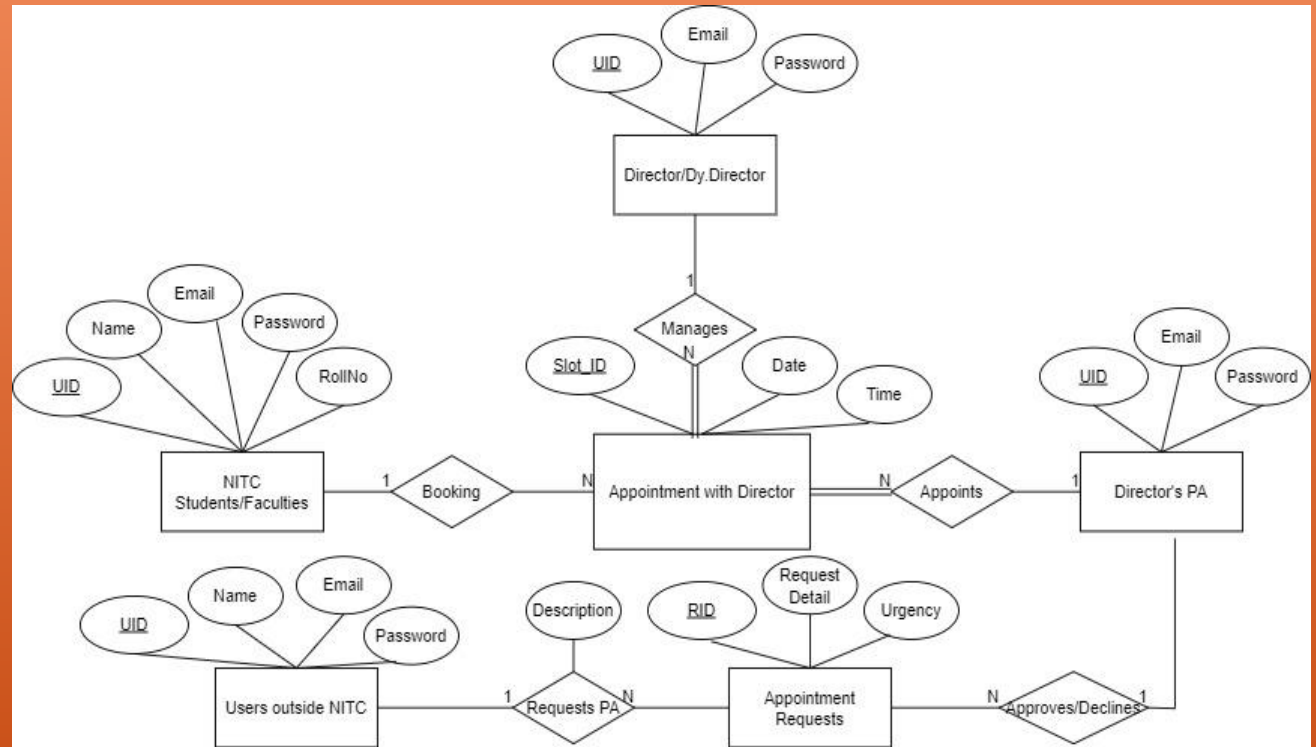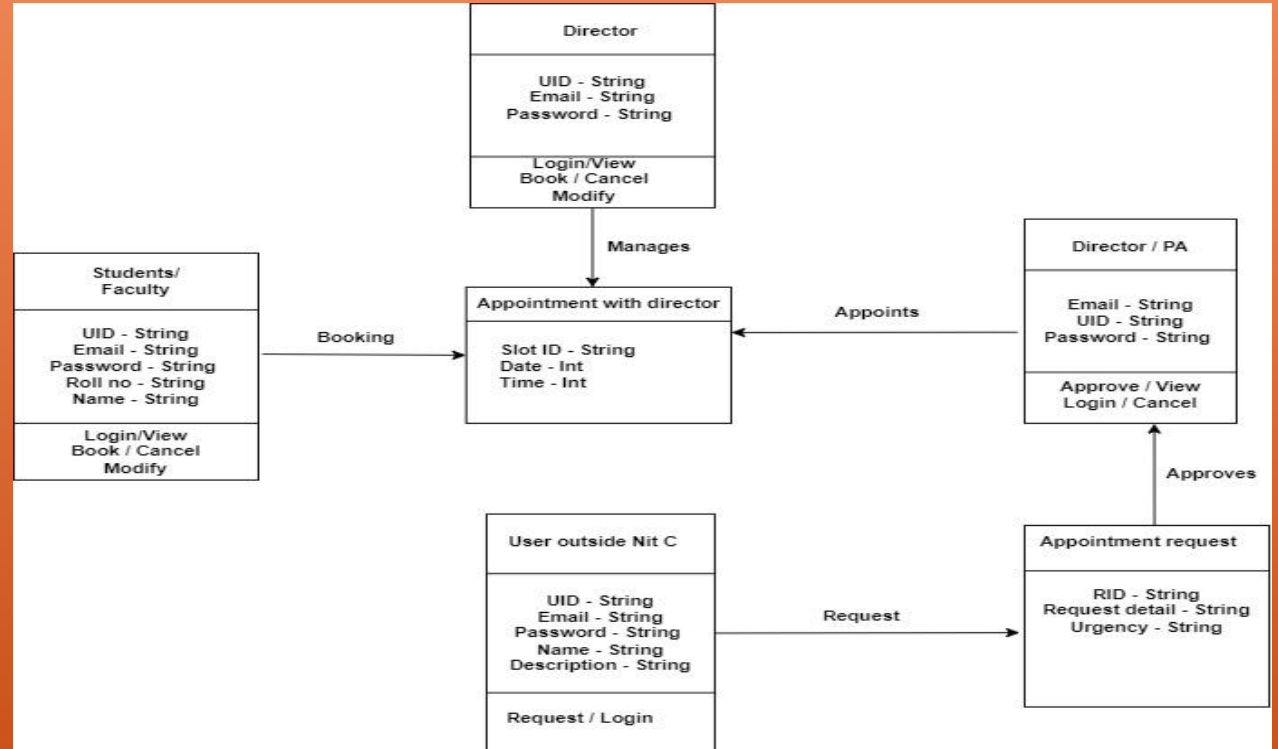
USE CASE DIAGRAM

PROJECT FUNCTIONALITY

- ➤ **Appointment Scheduling**:
  - ○ The Director or pa or faculty or students should be able to schedule appointment.
- ➤ **Appointment Cancellation**:
  - ○ The Director or administrative assistant will be able to cancel appointment at any time.
- ➤ **User Interface**:
  - ○ The system will have a user-friendly interface for scheduling, rescheduling and cancelling appointments.
- ➤ **Calendar Interface**:
  - ○ The system will provide a calendar view for scheduling appointments and viewing upcoming appointments.
- ➤ **Email/SMS interface**:
  - ○ The system will send email and SMS notifications to appointment attendees.

ER DIAGRAM

CLASS DIAGRAM

Director

UID - String
Email - String
Password - String

Login/View
Book / Cancel
Modify

Students/ Faculty

UID - String
Email - String
Password - String
Roll no - String
Name - String

Login/View
Book / Cancel
Modify

Booking →

Manages ↓

Appointment with director

Slot ID - String
Date - Int
Time - Int

← Appoints

Director / PA

Email - String
UID - String
Password - String

Approve / View
Login / Cancel

Approves ↑

User outside Nit C

UID - String
Email - String
Password - String
Name - String
Description - String

Request / Login

Request →

Appointment request

RID - String
Request detail - String
Urgency - String

DB SCHEMA

➢ **Users**:
- UserId (Primary key)
- Email
- Password
- Name
- Roll number (Null for NITC Faculty, Director PA, Director and Non NITC users)
- User role
- Department (Null for director,outside NITC users)

➢ **Schedule**:
- Slot id (Primary Key)
- Slot no
- Date
- Time
- Description
- no of participants
- UserId (Foreign Key referring the UserId of Users Table)

➢ **Request**:
- Serial no (Primary key)
- Slot no
- Date
- Time
- Description
- no of participants
- UserId(Foreign Key referring the UserId of Users Table)
- Request Status

THANK YOU