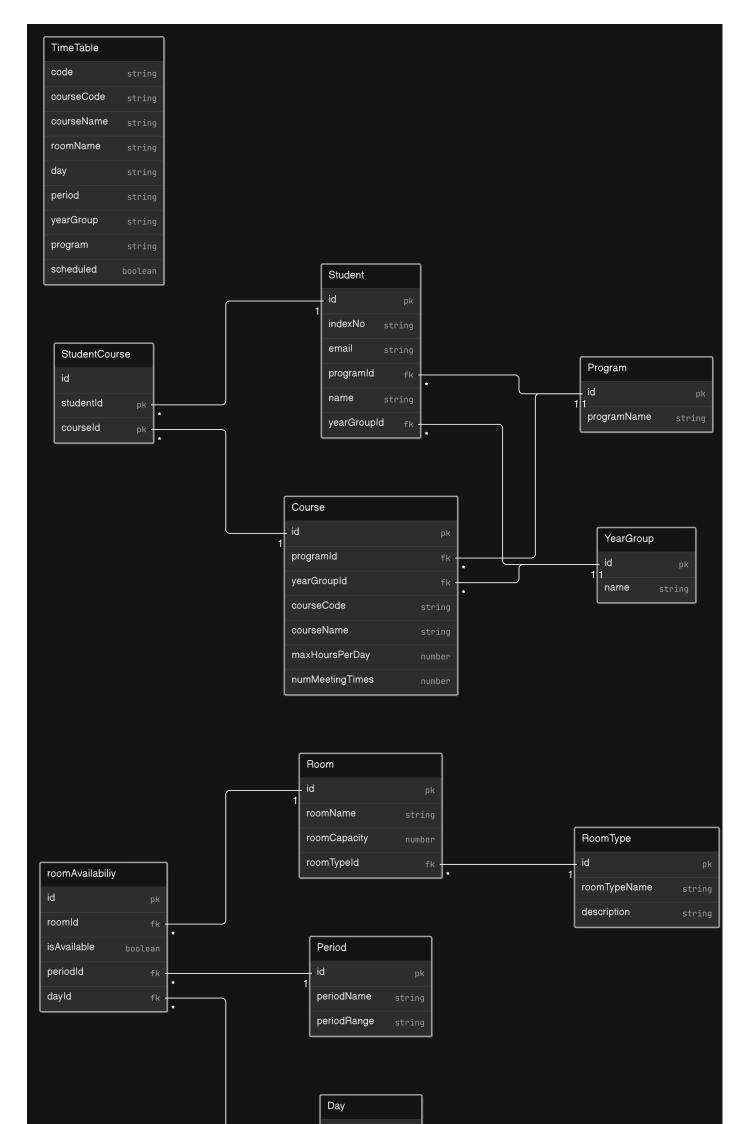
- Smart-timetable
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### **Smart-timetable**

# **ER Diagram**



#### **Technologies**

- Nodejs Run time for javascript for bulding server-side applications
- ExpressJs FrameWork for building apis
- MongoDb Nosql database
- Mongoose object modeling tool for javascript and nodejs

### **Api Endpoints**

Endpoint	Method	Description
/api/courses	GET	Get all courses with the total students appended
/api/roomAvailability	GET	Get all rooms available for scheduling( ie exluding Offices)
/api/rooms	GET	Get all rooms
/api/populate	GET	Populate the database with test data
/api/students	POST	Add a student to the database
/api/schedule/:code	GET	Get timetable based on the code for uniqueness
/api/schedule/:code	POST	Generate timetable for with code for uniqueness

## Setup Maunual

#### **Setting Server**

- 1. Navigate to C:\Users\HP\Desktop\mini-p\smart-timetable\backend
- 2. Run ""npm install""
- 3. run npm run start to start the server

#### **Setting up Client Web**

- Navigate to C:\Users\HP\Desktop\mini-p\smart-timetable\Web\smart-timetable
- Run ""npm install""
- run npm run dev to start the server