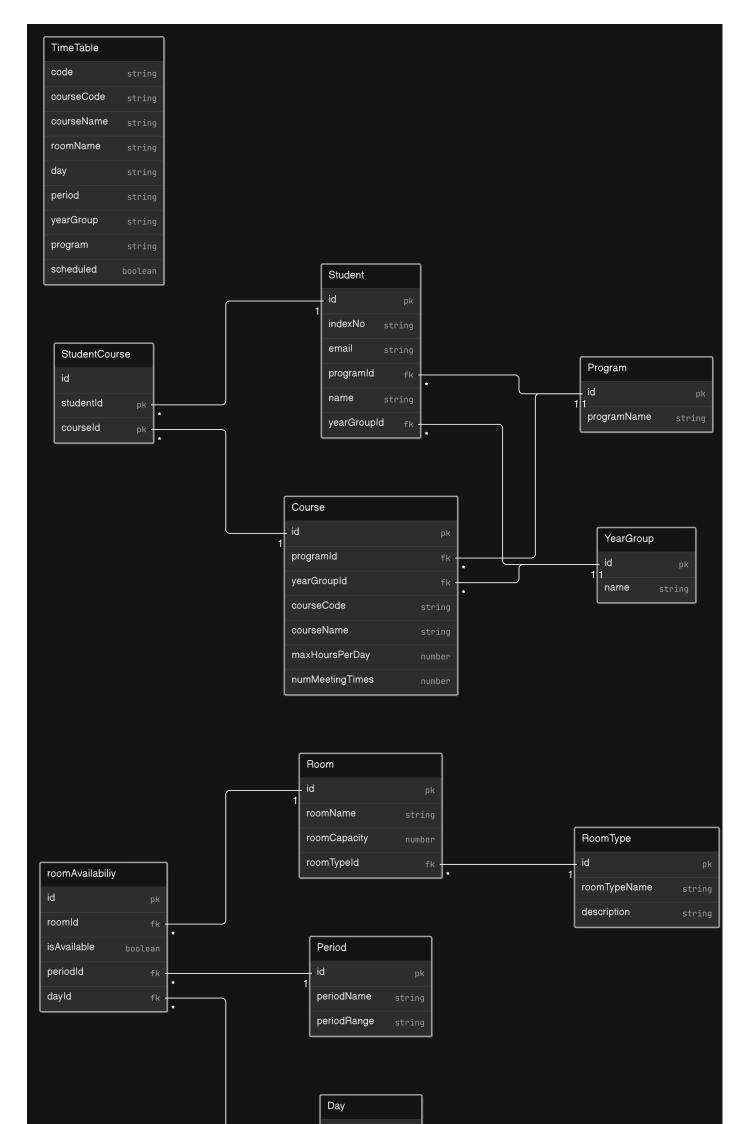
- Smart-timetable
  - ER Diagram
  - Technologies
  - Api Endpoints

## **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/students	GET	Get all students
/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