



# Timetable Generator

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## Introduction

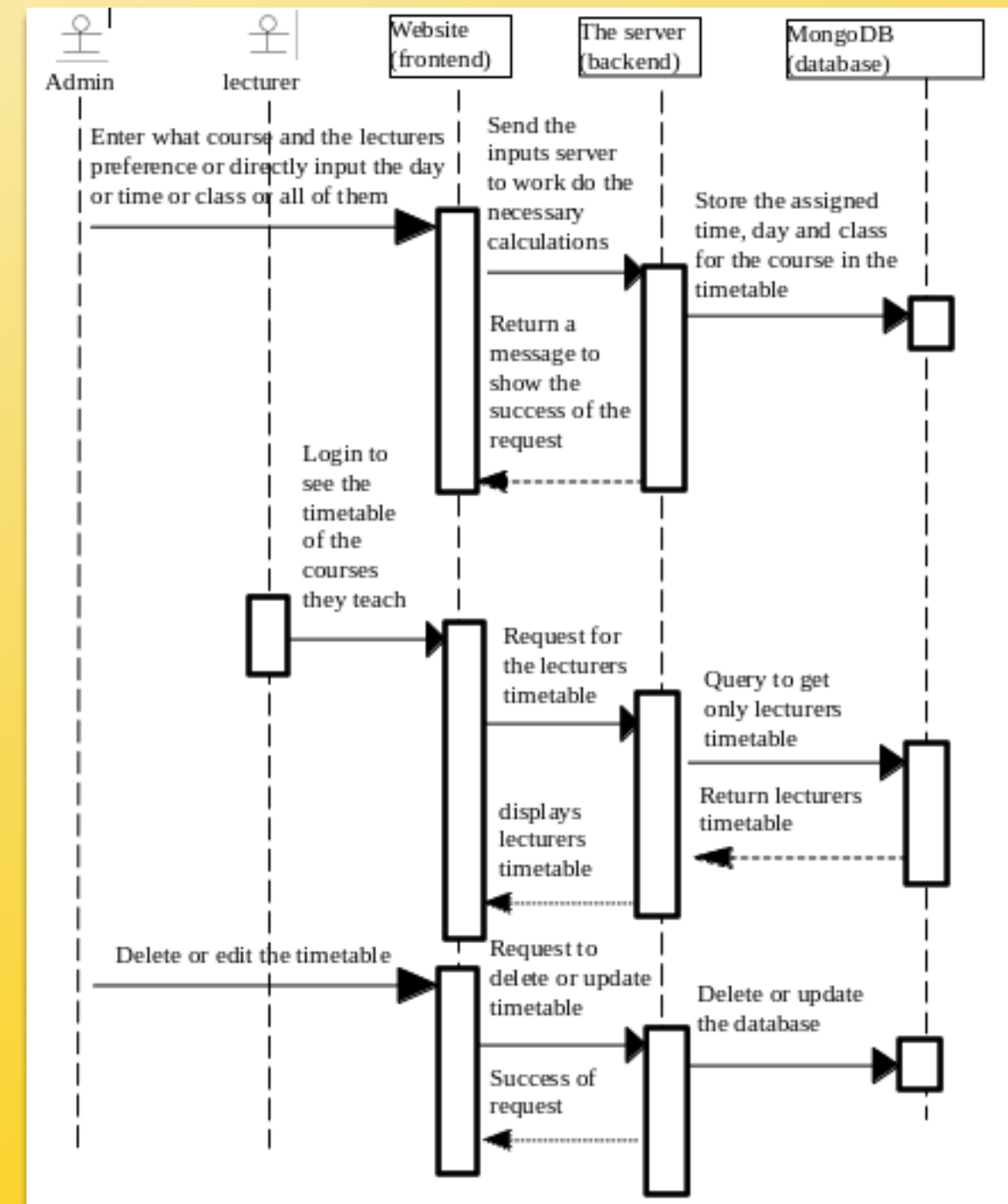
Creation of university course timetable has and is still being done manually. This has proved to be difficult, time-consuming and inefficient. This project automates that process whilst still taking into consideration lecturers preferences.

## Software Used

- Git
- NodeJs
- React framework
- Visual Studio Code
- MongoDB Database
- Expressjs framework
- Node Package Manager (npm)

## Goals

- Make sure every course has a slot in the timetable.
- Make sure there are no overlapping classes for an instructor.
- Make sure a classroom does not have overlapping courses at the same time.
- Make sure the class is big enough for the number of students taking that class



Sequence Diagram