

# SOFTWARE PROJECT MANAGEMENT PLAN

HOSPITAL MANAGING API  
30.03.2019

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# DOCUMENT CONTROL

## CHANGE HISTORY

REVISION	CHANGE DATE	DESCRIPTION OF CHANGES
V1.0		INITIAL RELEASE

## DOCUMENT OWNER

FILIP TODOSOV IS RESPONSIBLE FOR DEVELOPING AND MAINTAINING THIS DOCUMENT.

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# Overview

## Purpose and Scope

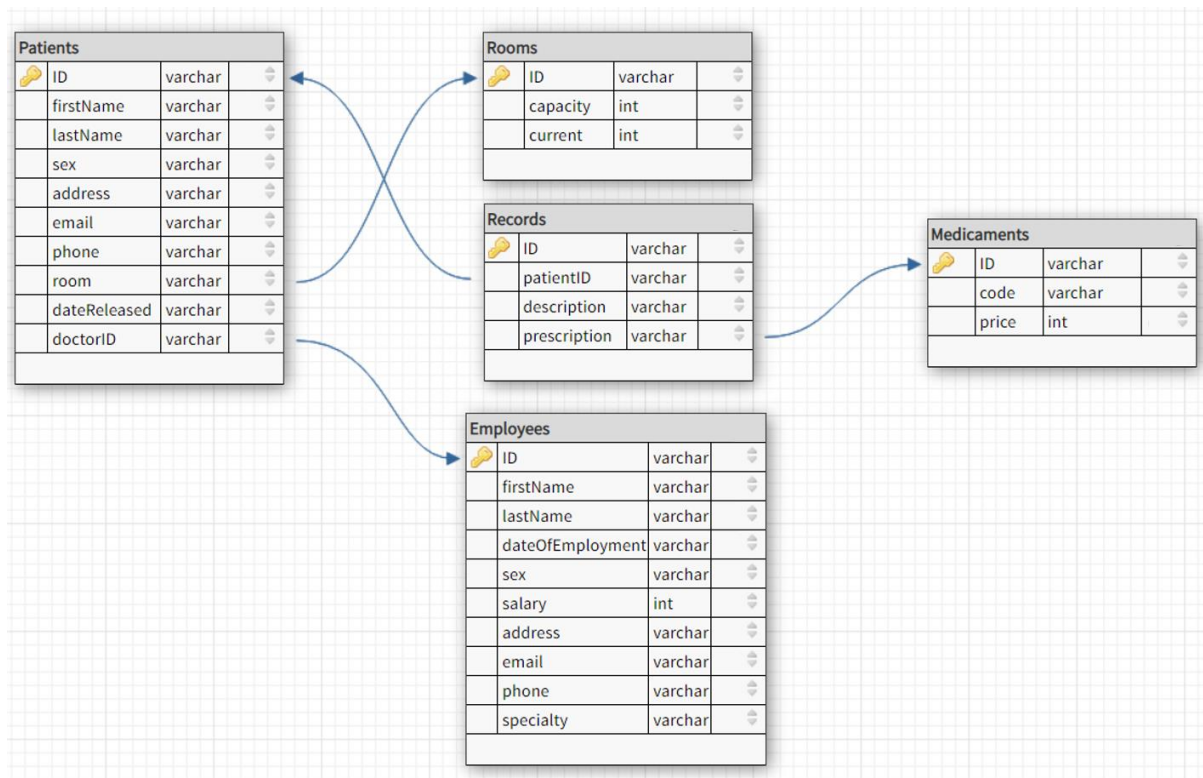
This project is being initiated as a final project of the back-end portion of 6-month web academy. The purpose for the project is to demonstrate the knowledge creating RESTful APIs using Node.js, Express and Sequelize.

This is a hospital managing API that can be implemented in any small hospital.

## Goals and Objectives

1. Patient management
  - a. ID
  - b. First name
  - c. Last name
  - d. Address
  - e. Phone
  - f. Email
  - g. Sex
  - h. Date Admitted
  - i. Date released
  - j. Room
2. Room management
  - a. ID
  - b. Capacity
  - c. Current status
3. Employee management
  - a. ID
  - b. First name
  - c. Last name
  - d. Date of employment
  - e. Sex
  - f. Salary
  - g. Address
  - h. Email
  - i. Phone
  - j. Specialty
4. Records management
  - a. ID
  - b. Patient ID
  - c. Description
  - d. Prescription
5. Medicaments
  - a. ID
  - b. Code
  - c. Price

## Relations



## Project Deliverables

The following items will be delivered to the customer:

1. Source code for server portion of the system
2. User's guide
3. API Documentation
4. System test cases

## Assumptions and Constraints

Assumptions:

1. The API works on tested hardware.

Constraints:

1. The API must run on Windows 10, Chrome.
2. The API must be ready by 30/04/2019.
3. The API must use SQL database.

## Schedule and Budget Summary

This project doesn't have budget plan yet.

## Success Criteria

- Pass rate on the presentation by the jury
- Delivered by 30/04/2019