Calendar Management Application

(RESTful Back-end)

Release Notes

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This is a release note for the Calendar Management Application (CMA) designed and developed by me (Raj Kiran Thota) for “Tin Roof Software” to demonstrate my Information Technology (IT) experience in SpringBoot and JEE.

# Overview

The CMA is a Spring Boot application supporting “essential” features stated in the requirement statements. Due to limited time, (few hours), only essential features are implemented.

This release supports any end-user to manage (list, add, update and delete) his or her calendar and calendarevents using POSTMAN (Rest test tool) or similar tool.

The CMA application is designed using three tier design pattern (Controller, Service and DAO layers), uses Dependency Injection (DI), JPA (JavaDB) without any SQL and RESTful API for loose coupling between front-end and back-end.

## Scope

In this release CMA supports the following features:

* “Calendar” Entity
  + CRUD operations (RESTFUL)
* “CalendarEvent” Entity
  + CRUD operations
* Event Resource
  + CRUD operations
* Automated Unit tests

TO DO: Authentication using JWT token is in progress.

# Deployment

CMA is a SpringBoot web application with embedded tomcat; and you can deploy it in any folder. It also uses the default JavaDB database for persisting CMA data.

Please import the project into Netbeans/Eclipse and execute. It will pull all the dependencies automatically from maven.

It is also possible to install separate JavaDB (Derby) in any folder and use the URL in the application.properties file.

# Features

CRUD operation Screens







