

Hospitality Property Management Information System

Installation Guide

Introduction

This guide describes the process of installation of Hospitality Property Management Information System.

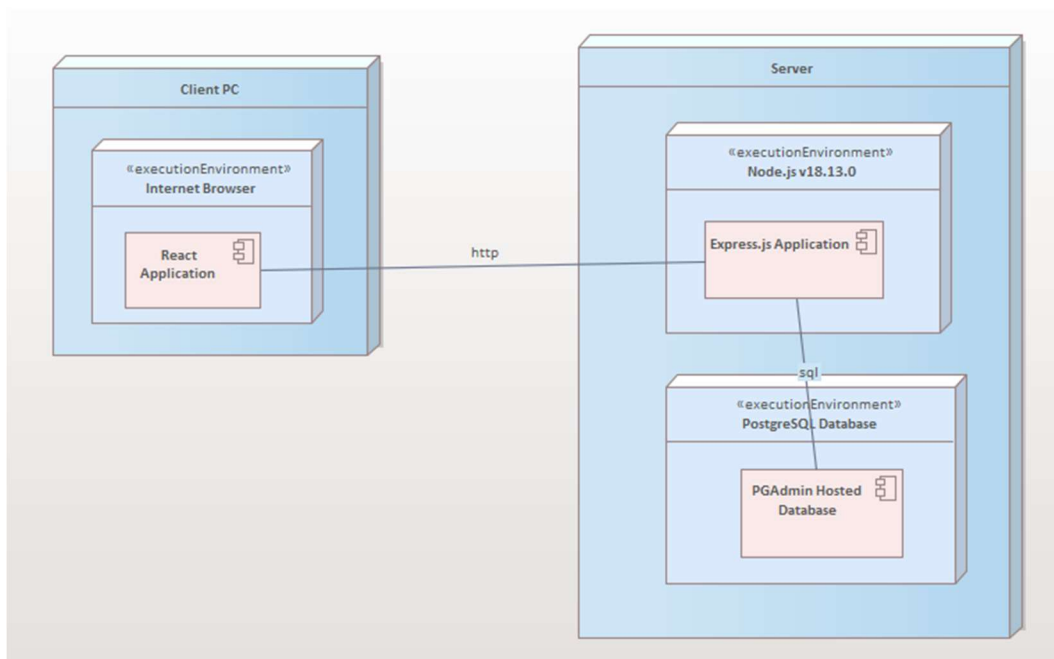
Version: 0.1

Release date: 16-05-2024

Preconditions

- Node.js environment (v.18.13.0)
- PostgreSQL 14
- PGAdmin 4 (v.6.19)
- React.js (v.18.2.0)

Deployment overview



The React web application can be accessed through an Internet browser. The React web application communicates using http requests with the server-side web application hosted that uses node.js it is locally hosted, but it could be deployed to a server. The Express.js application can make queries to the PostgreSQL database hosted by PGAdmin. The database is also locally hosted, but it could be hosted on the same server as the Express.js server-side web application.

Installation procedure

- 1- Run *npm install* on both the presentation layer and the business layer folders
- 2- Start the React app with *npm start* on the presentation layer inside the ui folder.
- 3- Start the Express server-side app by running *node .\api_service.js* on the business layer
- 4- In PGAdmin use the restore option on a server and provide it the db_backup_psql.sql file located on the data layer folder of the project to generate the database and host it (PGAdmin needs to be running for the database to be hosted)