

Parking Manager Application for Mall:

A console-based python application that let admin to assign multiple staffs as a parking manager and let the parking managers to add customer's vehicle to parking and un-park them with the **price calculation with respect to the time** and also let them to **lock the vehicles when exceeded the time limit**. This app also let the customers to see their vehicle's status in parking. This app involves all the **CRUD** operations such as **Creation**/Adding of parking managers/vehicles, **reading** of vehicle's status, **updating** of vehicle's parking status and **deleting** of Parking manager. JSON files are used to store the application data, making the app faster and compact.

Concepts covered - Function, **Date and time module**, Regular Expression (**Regex**) and **JSON** File Handling.

Tools used - **Python 3.8**, VS Code.

Database: Non-Relational Database (**JSON document Database**)