Parking Slot Appointment

Create an API to book Parking Slot Appointment, you need to consider the following parameters.
- Customer Name
- Driver License [Should be PDF file, maximum 5mb, minimum 2Mb]
- Vehicle Number [No other Vehicles should book at the same time also the same vehicle should'nt get booked at a different slot for the same time.]
- Booking Start Date Time & End Date Time [should not be overlapped with other appointments]
- Slot [Total 130 slots - named as A01 to A05--> Z01 to Z05] (Allocation should be based on availability and slot priority order)
- Appointment number (**OOOXXX** [Slot Number+ Appointment Sequence]) [Appointment Sequence - AAA - ZZZ]
- Parking Fee
    - Up to 3hr - Rs 10
    - For every additional 1hr - Rs 5 each

What you need to output.

- REST API to book parking slot and return
    - Appointment number
    - Slot Number
    - Parking Fee
- UI for Displaying Customer list along with total fee collected.
- UI for Displaying all upcoming appointments.

Requirements

- No 3rd party packages are allowed.
- The code must be written in Laravel. Upload your project to your GitHub and send us the link to that.
- Add a proper README file containing clear, simple instructions on how to execute the code and tests.
- If anything needs clarification that is not detailed here, make an assumption and note this in the README file.

What we look at

This task is designed to give us an idea of:
- How you structure your code.
- Your understanding of oops concept.
- Your ability to deliver an appropriate, simple solution to a given problem
- How you work when faced with limited time to solve a problem of significant