Event app

You have been requested to create a rudimentary event ticket management solution. The overall goal is to be able to create events and manage the number of people accessing each event.

Requirements

- The application should have a web page to create events. Each event should have a Name, Date and initial number of tickets.
- From the event page, the user should be able to see the total number of tickets and how many have been redeemed. The page should also contain a button to refresh the counters.
- Each ticket can be represented with a unique token.
- From the event page, the user should be able to download a CSV with all non-redeemed tickets.
- The user should be able to add more tickets to an event and get a download of the new tickets.
- The application should have a page where the user can check the status of a ticket. A ticket can either be _redeemed_ or _ok_.
- The application should expose an endpoint to redeem a ticket:

```
Request:
      GET /redeem/<ticketIdentifier>
Response:
      200 OK: If ticket is OK.
      410 GONE: If ticket has been redeemed.
```

Your task

You are required to create a service (backend) application that exposes the RESTFULL endpoints to accomplish the above requirements. This service should be written in PHP using Laravel as your framework.

You are also required to write the frontend that consumes the backend service and presents the user with the pages to create and manage the events, and the page to check the status of a ticket. The frontend should be written using AngularJS

Assumptions

- Authentication or user management is not required.
- You are free to use any technology to manage the storage.

Deliverables

- The source code for the service and the frontend, this cloud be a link to a git repository.
- A small document describing the decisions you've taken in order to implement your solution. It should also describe how to run your app.
- Nice to have: the app dockerised.