Job description list compare and report webserver

Purpose of application:

In a computer repair shop, where PC-s are repared it is needed a system to track which devices are picked up by customers after repair and which not. If for more than 7 days the device is not picked up a report is needed with all devices older than 7 days in the service center to remind customers for pickup.

Worklow of the system will be:

-Each day at 18:00 pm the current management system will generate a report with the devices repaired in that current day. This file is a csv file, named: realizari_dd_mm_yyyy.csv – this part is done by actual system you don't have to bother with this part, just use the file generated. Your server should put together all the data from different days csv-s, and this way is created list 1.

The file is stored on the same linux machine where your application server will run.

 Realizari_dd_mm_yyyy.csv columns:

Tichet #	Cost	Technician

Example: realizari_19_06_2022.csv ->

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TichetNr,Cost,Technician
60225,350,George
60226,100, Mihai
```

Milestone 1

Create a server which runs a html page on a tablet (portrait view). Page should be accesed only by a certain IPs, this must be configurable via admin panel (milestone.2), server is held locally on a linux machine.
You can see webpage layout in: *reception_layout.pdf*

Webpage is automatically closed at 18:05 or when

[**Finalizare zi**]

Is pressed. When finalizare zi is pressed: **An are you sure to close the day popup should appear.** After a pdf should be generated and sent via email/s, with the view as it is on tablet. Emails should be specified in admin panel, milestone 2. At this point you have succesfully generated **list 2.** In list 2 you should keep all of the items which were generated by form fill on tablet.

Milestone 2

1) Create an admin panel with login. There must be multiple admins. From this panel should be able to create and see list 3, this is only for admins. List 3 should be similar layout as list 2, list 3 can be free flowing not necessary to close after end of each day(in this case timestamp has day month year also). List 3 is with headings:

TichetNR	Cost	Payment Type	Timestamp	Admin	Mentiune

2) Make a time picker to show List 2 elements on a specific day and add a print button.
3) Make choosable:
   a. Selection place of list 1 csv files
   b. Email adresses where alerts are sent
   c. Create other admins and modify passwords.
   d. Admin can reopen a closed list up to one day after it is closed.
   e. IP address selection for list 2 devices to be able to acces the list 2 form.

Milestone 3

Server should check list 1 against list 2 and list 3. If there is an element(TichetNr) from list 1 which is not present in list 2 or list 3 than that element is marked. If in more than 7 days that odd element from list 1 doesn't have a pair in list 2 or list 3, Generate an error report with all unmatched elements of list 1. **The reports should be generated at the moment that list 2 is closed.** If all the ticket numbers have match than the report should say that there are 0 tickets not picked up.

Special case treatment: If list 1 is not ready at the time needed or any other error is generate an error report, send via email.

Thank you!