Results

• This is the Home Page where the admin can navigate through Login Tab to view and update logs while the security official can navigate to the Scan Tab to scan the vehicle's.



• As soon as the security official navigates through Scan Tab he is asked to login by just entering the organization code (6 character alphanumeric code).



• After logging in the Scan Tab is opened where the video streaming is present and vehicle images are captured from here using the Capture Button.

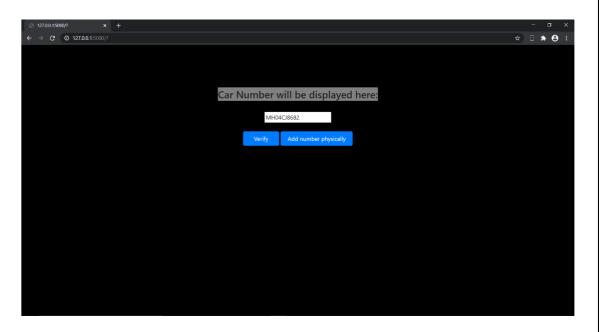


 After capturing the image it shows you a preview of the image, if the official finds it suitable than he/she can click on Save Image and then Get Number Button.

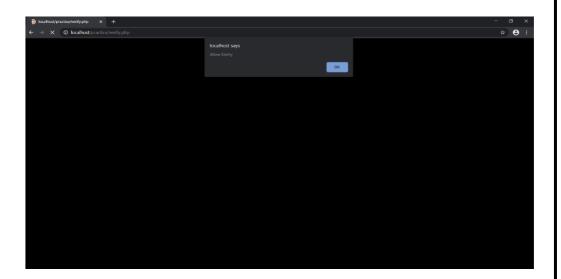


• After clicking Get Number Tab the system processes the image using python backend and the result i.e. the number is displayed in the text box where if the official finds the number proper than he/she can click on Verify to go further.

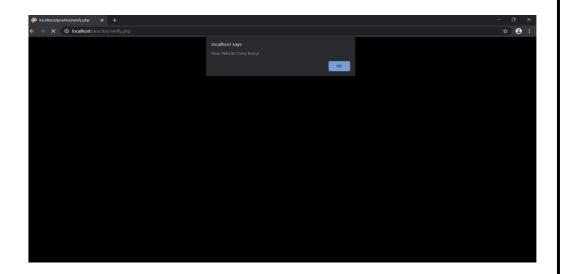
And if the number is not correct or sometimes it might be blank than he can click the other button to type the number physically in the system to verify.



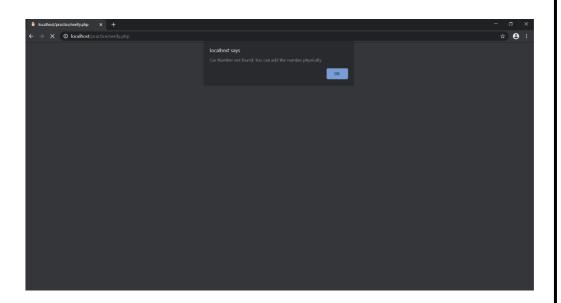
- After clicking on Verify there are three possible outputs:
 - 1. Car Belongs to the Organization, hence Allow Entry



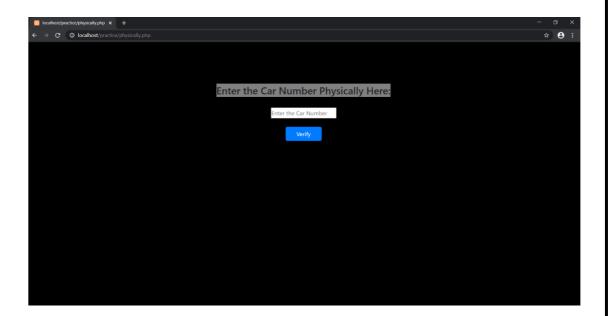
2. Car does not belongs to the organization, Deny Entry and enquire about the purpose of visit.



3. The Car number has not been detected properly, Add the number physically.



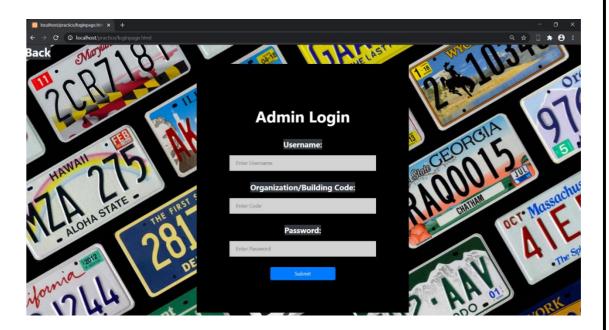
• If the number is not found then this tab is opened where the official can add the number physically so that there is no record missed.



• Coming back to the Home Tab the admin here will navigate through the Login tab to view and update the data and the logs.



• After entering the login tab, the admin needs to login by entering the credentials and organization code.



• After providing the correct credentials the admin can further navigate through 3 tabs.



1. View Daily Logs, for viewing logs regarding a particular date.



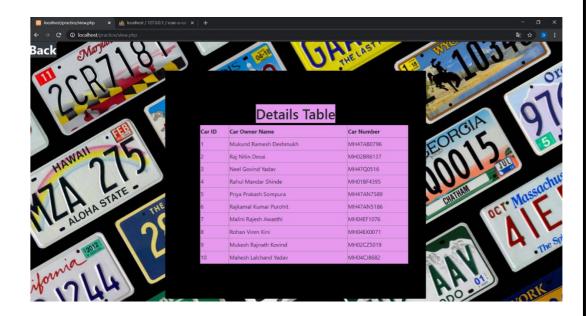


2. Guest Cars, here you can view all the cars which do not belong to the organization but have entered the premises.

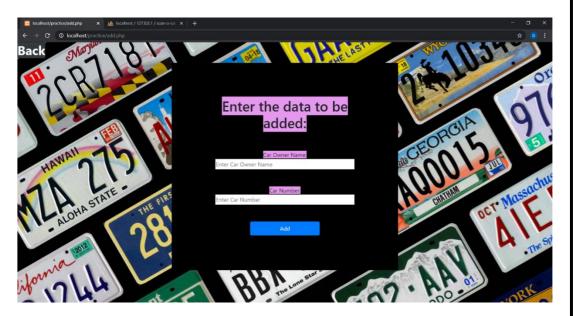


3. View and Edit Existing Data, here you can either view the existing cars of the organization, add new entries for new cars which are new part of the organization and delete existing entries.





To add new record, we need to add the car owner name and car number.



To delete a existing record we need to just type the car id shown in the above table and corresponding entry will be deleted.

