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| Project Description | The main purpose of developing this system is to automate security measure on highway toll plazas to capture vehicle number plates and search motorway police database and police database. A real time-based camera is installed on checkpoints, software captures the video frames from camera and scans for number plate. It automatically alerts authorities if a vehicle has registered/unregistered number. If license plate has registered number, then vehicle is clear to go or if a registered number vehicle is stolen from somewhere if its case is filed. |
| Programming Language | MATLAB language |
| Database | SQL Server |
| Platform | MATLAB R2017b |
| Group Members | M. Umar Khalid  M. Usama Butt  M. Tajwar |
| Supervisors | Dr. Rehan Ashraf  Dr. Nadeem Faisal |

A screenshot of a cell phone

Description automatically generated