

# Over Speed Detection

#RH13

# PROBLEM STATEMENT

**Due to resource constraints, no traffic police staff** is posted at **road crossings. Accidents** are often reported due to **negligence by the road users**. Speed limit of the area can check by using technology and authorities can be intimated of the over-speeding 24×7. Also **a photo should be shot through the traffic cameras of the speeding vehicle and relayed to the authorities for due action.**

MINISTRY: Ministry Of Road Transport And Highways

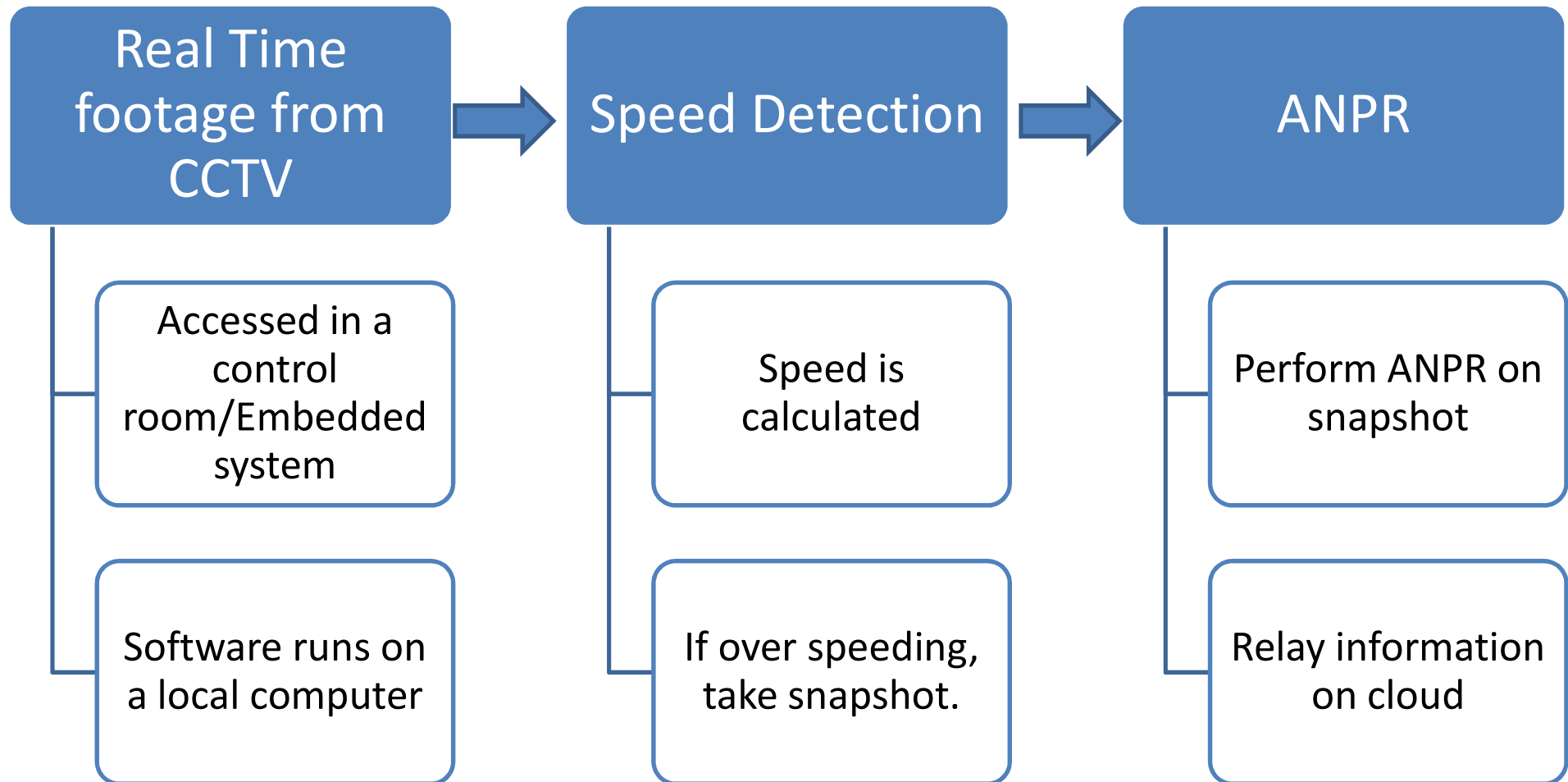
# KEY HIGHLIGHTS

- Cost Effective and Scalable
- Car labeling Algorithm(Self-Developed).
- Open Source
- Data Analysis

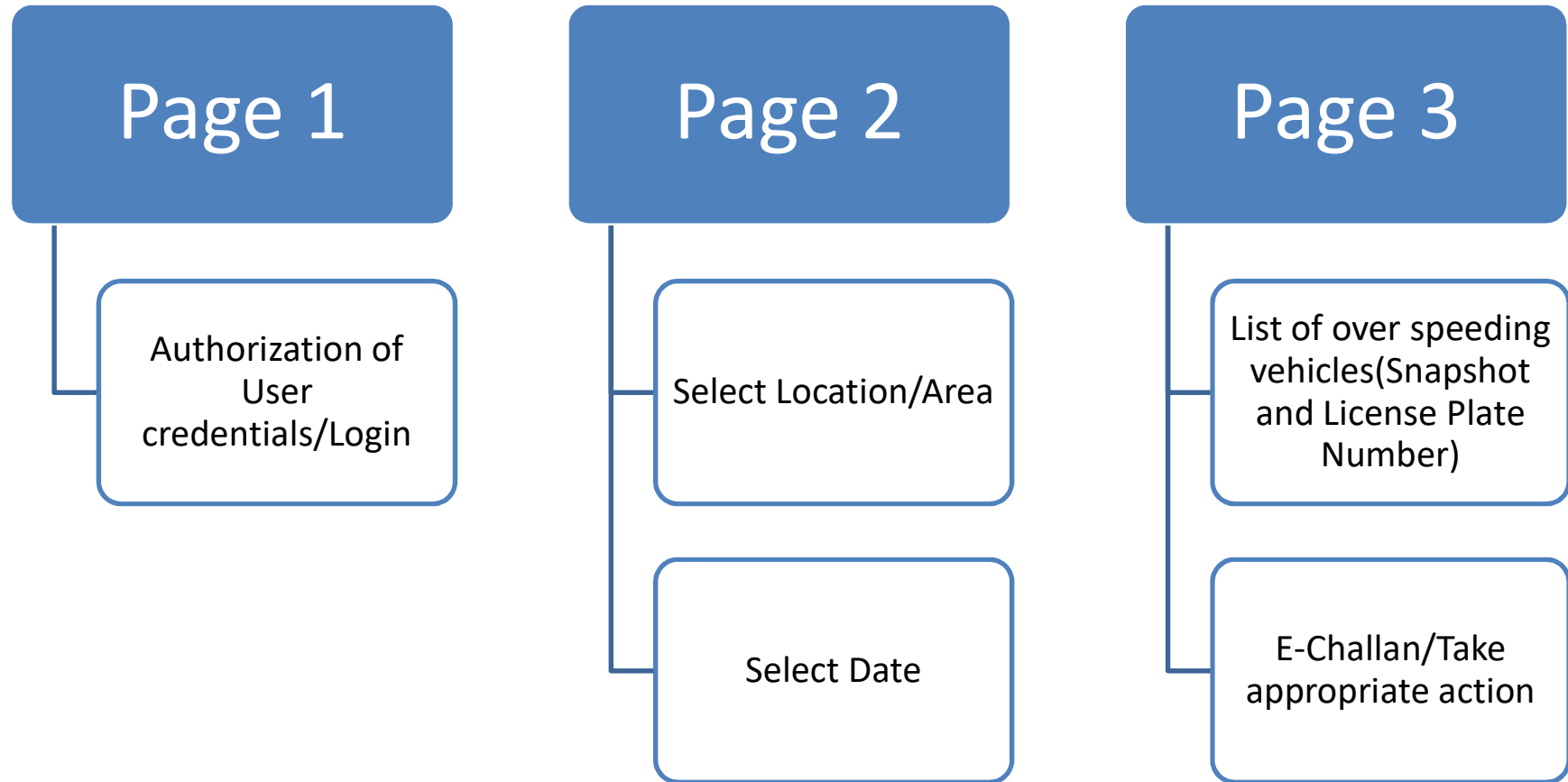
# WHY OUR SOLUTION?

- Better Speed breakers & Lane planning
- Optimal workforce deployments & Management.
- Less cost, multiple cameras so more coverage area
- Share data with other agencies (e.g. insurance company for higher premium )
- Identifying the reasons for over speeding
- Day-wise and daily speed limit breach pattern per location
- Identifying nonworking cameras
- E-challans

# SYSTEM FLOW



# V.O.D Portal



# WHAT WE HAVE ACHIEVED

- End-to-End Solution
- Implemented
  - ✓ Self Developed Car Labeling Algorithm
  - ✓ Self Developed ANPR Algorithm
- Achieved Cloud and Local Server Integration
- Real time UI and DashBoard