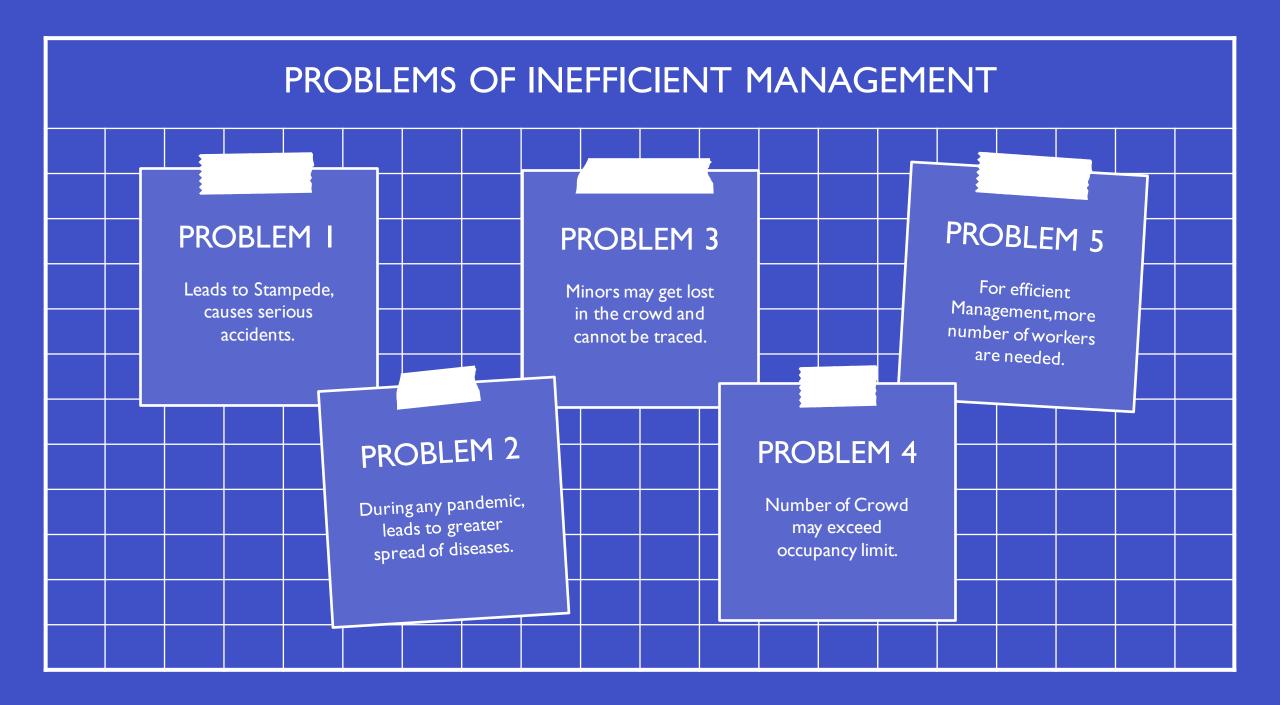
CROWD MANAGEMENT SOLUTIONS





SOLUTION



IMPORTANCE OF OBJECT DETECTION



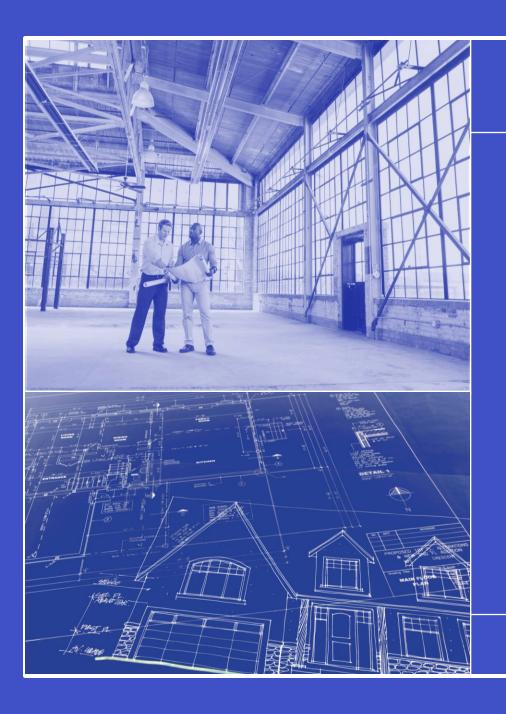
Using Well-Trained Models, Number of People can be detected in a frame.



Videos can be feeded to model using CCTV footage or any other live source for real-time.



Number of People can be used to calculate whether it is less than occupancy limit or not.



ADVANTAGE

- Everything is automated. It requires less staff for Crowd Management and booking allocations. No need for monitoring all time. Necessary actions may be taken when required. Hence profitable for organisation.
- More accurate than physical counting.
- Can help in **reducing accidents**, or a customised pretrained model of lost children may help in tracing them from cameras. Overally, it is **efficient**.

PROTOTYPE



PEOPLE COUNTER & ALARM SYSTEM

Counts number of People in a frame

When number exceeds, reports to the admin

Keeps track of the records, real-time.



SCALABILITY OF MODEL

IMPACT & & PROFITS

People Counter can be implemented in malls, airports, hospitals, event organisations, where track of people is necessary.

People Action Detection can be made which can predict mobs before event, preventing an accident.

People Detection Model can be also used in face detection in nearer view, which can be used in automated attendance systems.

Hourly based people count can be given to organisations to analyse data and increase their profits.



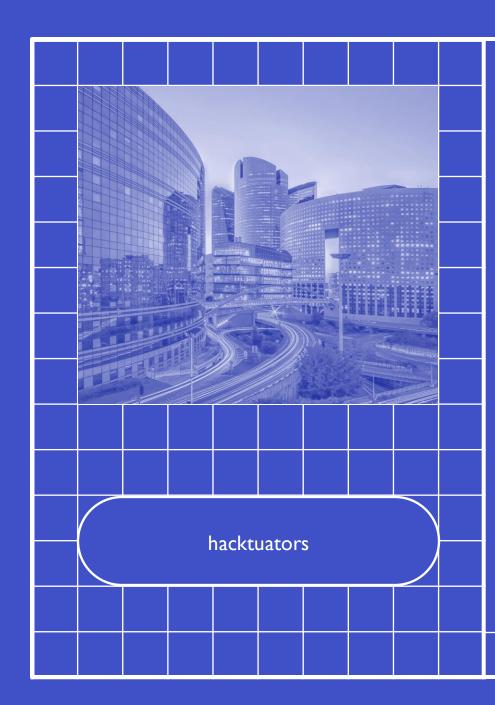
People Detection can be extended to Object Recognition, Vechile Detection and many more applications are possible using Object Detection. So this model is scalable and profitable.



FUTURE PLANS

Alongwith People Detection, we would like to add variations, so that it can recommend event organisers or managers and assist them in organising events.

It can be a helping Al tool for successful events.



THANK YOU