Our system mainly focuses on object detection using 4 algorithm and then also calculate accuracy of those 4 algorithms. Given flow chart describes our system model in a detailed way.

There are two parts of our flow chart. Left part is for preprocessing images/input dataset and getting optimal training model. Right part is for detecting object and accuracy calculation.

Step:

1. Start
2. Input image/dataset
3. Image enhancement preprocessing
4. Setting parameters
5. CNN,YOLO,SSD,D2Det network model
6. Save optimal training model
   1. Start
   2. Input test set
   3. Invoke the optimal training model
   4. Detect object and calculate accuracy
   5. End
7. End