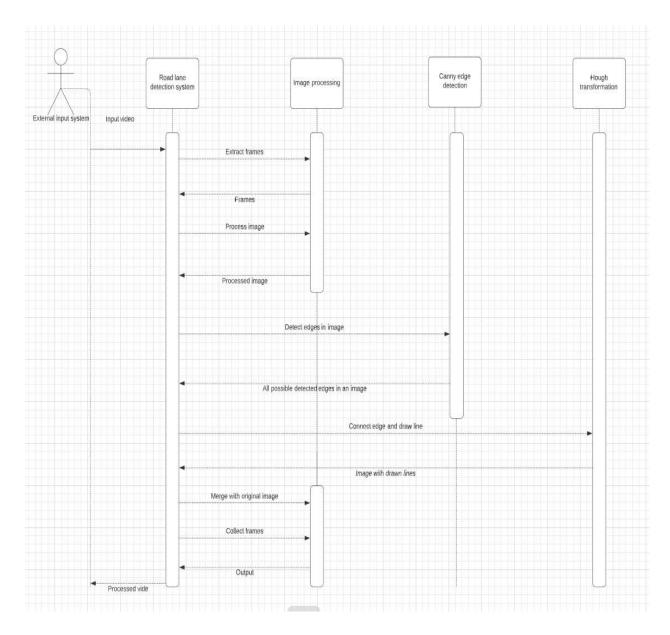
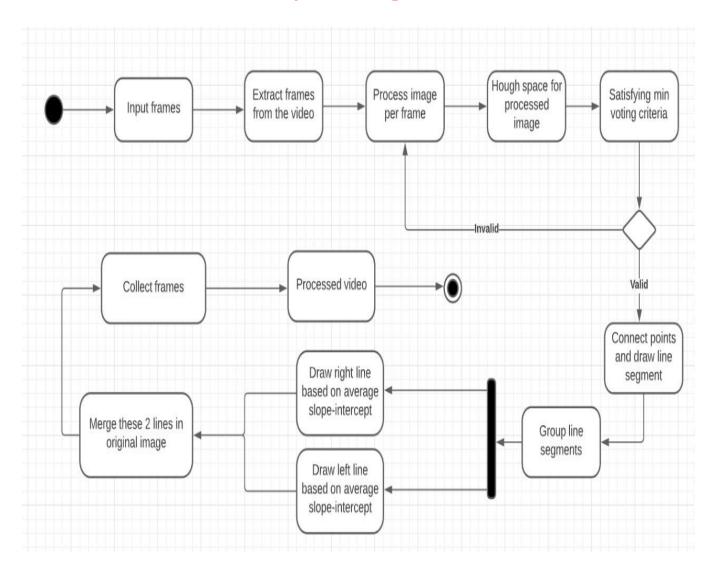
Sequence Diagram-



Activity Diagram-



State Chart Diagram-

STATE CHART DIAGRAM:-Canny Edge Input Video Frame Video Detection Frames Extraction Fetch external Applying canny front view Extract frames edge per frame from video Edges detected Frame on complete Collection Processed Video frame **▶**(**1**) Collecting and merging frames in original order Processing line Hough Edges Masking segments Transform detected Road edges Masking out Grouping line in area Line Connecting points detected < of interest irrelevant area segments and segment satisfying (only road making left and minimum voting required) right line based

on avg. slope and intercept

criteria