Tasks

1. Write the summary of PTZ paper

Key points of PTZ paper

1. They have used 4 steps approach
   1. Head detection
   2. Route planning for the PTZ camera
   3. Facial detection
   4. Facial recognition
2. They are using head detection to find how the students are scattered in the class. For example, if students are seated in the form of 2 groups, where in one group is concentrated on the first 2 benches and the second group is concentrated on the last 2 rows

|  |  |  |
| --- | --- | --- |
| Student | Student |  |
| Student |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  | Student | Student |
|  |  | Student |

Camera

This is an illustration of a classroom that is observable from a camera. Here each box represents a bench and if that box is filled with student that means the student is sitting on the bench. If the box is empty that means it is empty.