1. Entrance of pedestrian 1

2. Entrance of pedestrian 2

3. Formation of a temporal set of detecting binary sensors according to exit of pedestrian 1

4. Determining of a set of detecting binary sensors according to exit of all pedestrians

- **Pedestrian**
- **Binary sensor** $b_{x,y}$ whose detecting flag is 0
- **Binary sensor** $b_{x,y}$ whose detecting flag is 1
- **Temporal set of detecting binary sensors**
- **Set of detecting binary sensors**