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| **Interacting with maintenance People:** |
| This Use Case describes the process by which user interact with maintenance people via the system when he’s not at home. |
| **Actors:** |
| User.  Maintenance people. |
| **Pre-Conditions:** |
| * Bell is ringed. * Notification Service is triggered. |
| **Post-Conditions:** |
| * Door is opened for the maintenance guy. * Door is closed after the maintenance guy leave |
| **“Used” Use Cases:** |
| * System always on. * Remote lock/unlock. * View of live camera feed. * Log guests. |
| **Flow of Events:** |
| 1. The Use Case starts when the maintenance guy rings the door that triggers the notification service. 2. The first notification will be displayed on the user’s phone. 3. The home owner sees the notification and turn on the live camera feed also the camera record all the activity in front of the door. 4. The owner then interacts with the maintenance guy via the phone system on the door. 5. The owner decides to remotely open the door for the maintenance guy. 6. After the maintenance guy leave. The owner then closes the door remotely. |
| **Activity Diagram:** |
| User open the door.  Notification is sent  User Cellphone  Bell is ringed  Door |
| **Scenarios:** |
| * User choses to take no action of the phone. * User chose not to open the door. |