**Use Cases**

5. Notification (local (ring), remote (mobile))

1. The mobile system should prompt the user of a call from his door bell for 30 seconds before auto declining.
2. The mobile system should prompt the user of a call from his door bell with a snapshot of the peephole camera.
3. The mobile system call prompt should allow the user to accept a call.
4. The mobile system call prompt should allow the user to decline a call.

6. Type of notification (sound, vibrate, text?)

1. The mobile system should ask the O.S. of its mode and vibrate, sound, or prompt according to the phones mode.

Notification during phone calls

1. The mobile system should prompt the use during a phone call.
2. The mobile system should allow the user to accept a doorbell call during a phone call.
3. The mobile system should allow the user the decline a doorbell call during a phone call.

7. What happens during accidental unlock?

1. The system should prompt the user for confirmation before unlocking the door.
2. The system should allow the user to lock the door if it is unlocked.

8. Admitting maintenance people

1. **Should not be any different from admitting any other person??**
2. The mobile system should allow the user to unlock his door during a call.
3. The system should prompt the user for confirmation before unlocking the door.

9. Image Snapshot on Ring

1. The system shall take photo snapshot of guest on doorbell ring.

1a. The system will not take another snapshot for a period of 30 seconds

2. The snapshot will be of a resolution that shall capture unique facial features

2a. The snapshot will be in color

3. The system will store the snapshot locally for a period of 30 days

3a. The system shall transfer local photos to remote storage after the 30 day period

10. External Audio Confirmation

1. The system shall integrate with the current home notification system (standard door bell)

2. The system shall optionally connect to an indoor speaker that will chime upon a user ringing the bell

3. The system will send an audio notification to the user of a guest entering the door space (not necessarily ringing the bell) for a period lasting more than 30 seconds

3a. The system will send an audio notification to the user of a guest who enters and then leaves the door space (postman maybe)

4. The system will send an audio alert to the user after the guest rings the bell

4a. This alert will only sound once every 30 seconds

11. The view of live camera feeds

1. The system shall allow the user to view a live camera feed of their door space

2. The system shall allow the user to record a live camera feed (viewed outside of the normal recording functions - i.e. doorbell ring, motion sensor detection, etc…)

12. Confirmation of Lock/Unlock Operation

1. The system shall provide confirmation of lock operation

1a. The system shall provide notification of lock failure/success

2. The system shall provide confirmation of unlock operation

2a. The system shall provide notification of lock failure/success