Feel free to add stakeholders or functionality!

Goal: Discuss Stakeholders, and develop Use Cases (Brainstorming Session)

Attendees: Juan Duarte, James Lunsford, Khuong Nguyen, Kory Taborn

Agenda:

Brainstorming

* Stakeholders
* Use Cases

Action Items

Stakeholders Identified:

* Users
  + Homeowners/Renters
  + Business Managers/Owners
  + Churches
  + Absentee Owners
  + Apartment Mangers
  + Guests
* Emergency People
* Others
  + Delivery Man
  + Maintenance People
* Developers
* Security Professionals
* Professor O’Dell

Use Cases

1. Ignore Rings (Call waiting)
2. Homeowner activates camera (when/how/start/stop?)
3. Peephole Camera (non-intrusive)
4. Log guests, record video
   1. What happens with no web connection
5. Notification (local (ring), remote (mobile))
   1. How many notifications
   2. Type of notification (sound, vibrate, text?)
6. Notification during phone calls
7. What happens during accidental unlock?
8. Admitting maintenance people
9. Image snapshot on ring (record after accepting connection)
10. External audio confirmation (door bell ring, snapshot sound, etc…)
    1. When the guest rings the bell what does the user hear (door bell, shutter sound for snapshot, etc…)
11. View of live camera feeds from web/software interface
12. Confirmation of Lock/Unlock operation (success/fail)
13. TRAPS!!! Trapdoors, lasers, flamethrower, brain transmogrifiers
14. Remote Lock/Unlock
15. External or onboard microcontroller?
    1. External = wireless signals received from hardware components (door bell, camera, etc…)
    2. Internal = on/near door with direct wires running to components
16. Power Interface – batteries, power supply, USB, …
    1. How much power?
17. Auto-shutoff after user ignores (don’t keep sending user notifications)
18. Apartment Manager can push audio feeds to multiple users
19. Interacting with maintenance people (guests)
20. Battery Backup
21. Should always be on and should not need to be set before user leaves house

Action Items

* Find Sponsor
* Being to generate system requirements using cases above