Name: Richard Kang

Monster's Ic

Monster's Inc
Employee / Inspector

Scarer

Safety
CDA

- Shred dangerous/ unwanted doors
- eject materials that aren't wood Ex. Door handles
- Shredder on/off
- get scare energy through doors
- access scared children through doors
- recieve reports on child
- request doors
- Lockdown areas with contaminated foreign objects
- Be able to identify the foreign object with cameras
- Dispose of foreign object
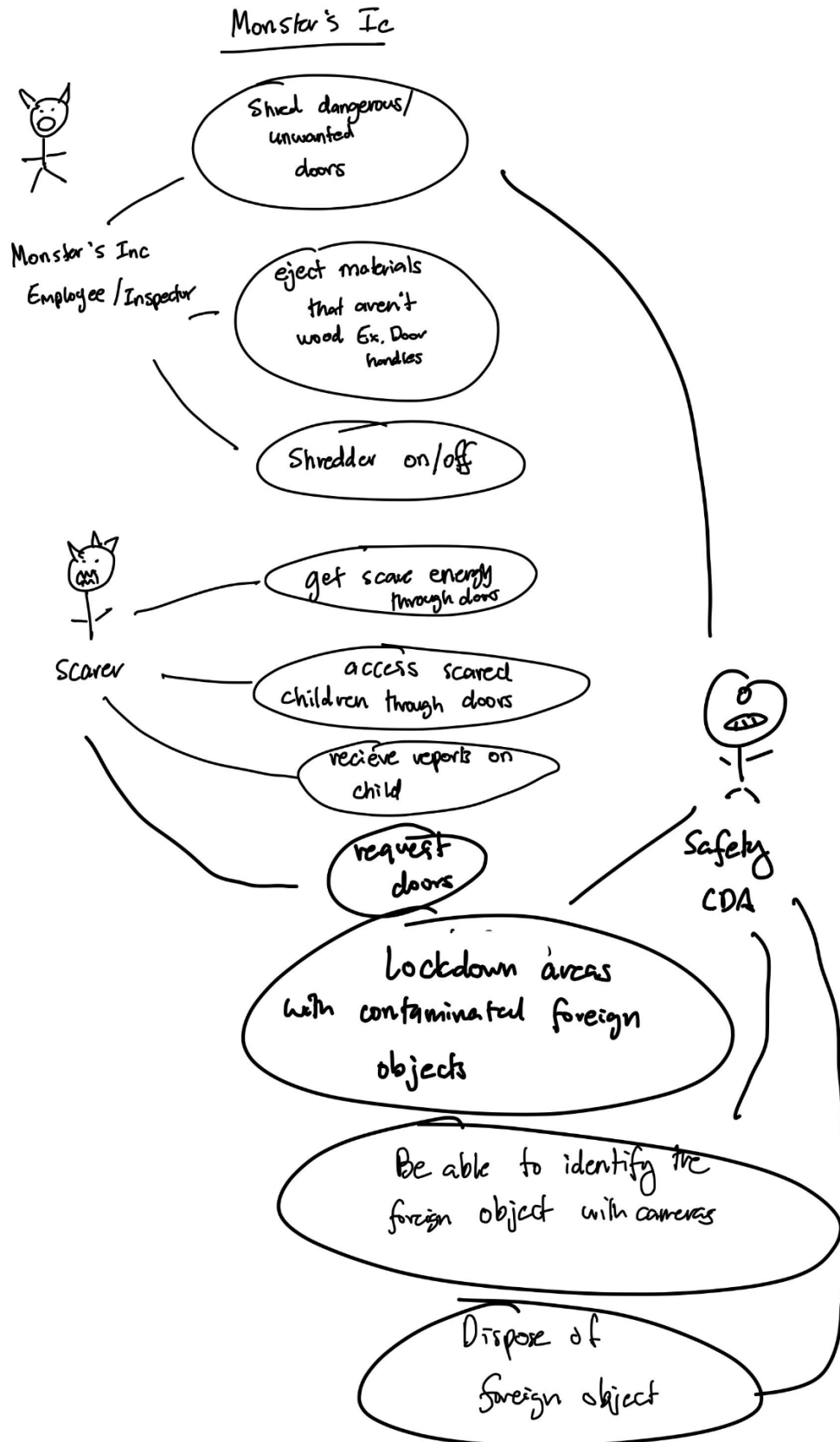
Main Flow 1: shred dangerous/unwanted door
1. Grab desired door and place on top of shredder
2. Pull the handle and push the door into the shredder
3. Shredder stops working once there is no more material to shred.

Extensions:
1. If the shredder stops halfway then the door that isn't shredded should be able to be ejected from the shredder
2. If the door isn't eligible for shredding then the shredder should not start

Main Flow 2: Request Doors
1. Support employee requests door by swiping their card on the reader and inputting an identification number
2. The door then gets delivered to the station through the door conveyor belt.
3. The door conveyor belt stops in from of the station and the lowers
4. The door gets locked in place with locks
5. The door then gets activated so that it can be accessed.

Extensions:
1. If the card reader doesn't work the machine displays an error
2. If the door identification number doesn't work then the machine displays an error
3. If the door locks mechanism doesn't work then the door gets sent back
4. If the door cannot be activated the door gets sent back

Main Flow 3: Lockdown areas with contaminated foreign objects
1. The windows and doors shut with metal doors/blockers
2. An announcement is made about the foreign objects with the corresponding safety code
3. The Child Department Agency is alerted about the situation
4. The Child Department Agency arrives on scene and surrounds the Monster with contaminated object
5. The CDA then takes the object of the Monster and isolates it in a metal bowl.

Extensions:
1. If the windows and doors are unable to shut then the CDA is alerted about the situation
2. If the object is not on the monster then the object is isolated and then the monster who committed the offense is then identified and contained
3. If the announcement speaker doesn't work then a worker will come to the scene with a megaphone and call the announcement that way. Monsters will also be alerted through the giant screen.

User Stories

F1: As a Monster's Inc Employee/Inspector I want to be able to shred dangerous and unwanted doors with a door shredder machine, so that they can be disposed of in a safe form

F2: As a Monster's Inc Employee/Inspector I want to be able to eject materials during the shredding like door handles and metal parts so that the materials can be recycled or disposed of properly

F3: As a Monster's Inc Employee and Maintenance Crew, I want to be able to turn the shredder on and off, so that safety precautions can be taken.

F4: As a Monster's Inc Scarer, I want to be able to access scared children through doors, so that I can have easy access to scare children

F5: As a Monster's Inc Scarer, I want to be able to transfer energy from screams to electricity, so that I can power the city

F6: As a Monster's Inc Scarer, I want to be able to receive reports on the child I am going to scare in order to maximize scare efficiency

F7: As a Monster's Inc Scarer, I want to be able to request doors, so that I can bring doors to my station

F8: As a Child Department Agent Safety, I want to be able to lockdown areas with contaminated objects, so that the object does not leave the area

F9: As a Child Department Agent Safety, I want to be able to identify the foreign object with cameras, so that our crew can easily identify and get to the foreign object

F10: As a Child Department Agent Safety, I want to be able to dispose of the foreign object, so that It doesn't contaminate the Monster World.