THREAT MODELING

THREAT MODEL FOR A JEWELRY STORE OWNER

YOU inherit a JEWELRY STORE in the city. The JEWELRY STORE has:

- $1 million worth of diamonds.
- A staff of five people.
- An alarm system.
- A safe.
- A cash register.
- A camera monitoring the door.
- A pin-protected alarm for the door.

What assets are you protecting?

- $1 million worth of diamonds
- Money in the safe
- Alarm code
- Anything else?

Who are your adversaries?

- Jewelry thieves
- Anyone else? (Consider: Who might have access to the jewelry store safe? What about cleaning crews, or maintenance staff?)

What are the consequences if you fail?

- Theft of jewelry
- Any other threats? (What if the safe code or alarm code is stolen?)

How likely are these consequences?

Map the likelihood of these threats occurring on the back!

How can you address the most likely risks?

- Changing the passcode every month, and after an employee leaves.
- What else?
How likely are these consequences? This depends on your adversaries' capabilities.

- Enraged bear destroys store door.
- Employee misplaces their key.
- Customer notices passcode to safe.
- High-profile protest against this particular jewelry store.
- Jewels are stolen.
ASSESSING YOUR RISKS

1. **ASSETS:** What do you want to protect?

2. **ADVERSARIES:**
   - Who do you want to protect it from?
   - What would motivate your adversaries?
   - What are your adversaries’ capabilities?

3. **THREATS:**
   - How would they threaten your assets?

4. Map the likelihood of the threats on the next page!

5. What kinds of protections make sense in response?

6. Technologies and threats change. Plan to reassess your risks.

I will reevaluate my threat model on: ____________
Risk

Low likelihood

High likelihood

Low consequence

High consequence

Threat

How likely are these threats? This depends on your adversaries’ capabilities.