

## 【2013.2학기】 Quiz

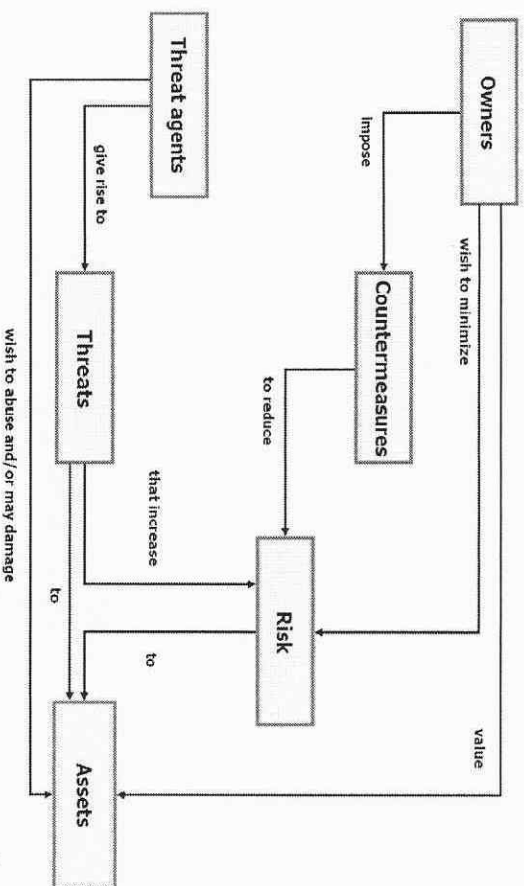
### 1. Security Engineering

- Security engineering is about building systems to remain dependable in the face of malice, error and mischance.

As a discipline, it focuses on the tools, processes and methods needed to design, implement and test complete systems, and to adapt existing systems as their environment evolves

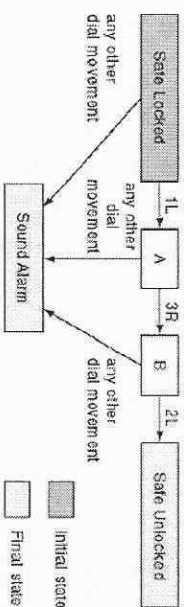
### 2. 2013.2학기 중간고사 1번 동일

### 3. Relationships



## 【2013.2학기】 기말고사

- A safe has a combination lock that can be in one of three positions, labeled 1, 2, and 3. The dial can be turned left or right (L or R). Thus there are six possible dial movements, namely 1L, 1R, 2L, 2R, 3L, and 3R. The combination to the safe is 1L, 3R, 2L; any other dial movement will cause the alarm to go off.



[State Transition Diagram]

Table of Next States		Current state	
Dial movement		Safe locked	Safe unlocked
		A	B
1L	A	Sound Alarm	Sound Alarm
1R	A	Sound Alarm	Sound Alarm
2L	A	Sound Alarm	Sound Alarm
2R	A	Sound Alarm	Sound Alarm
3L	A	Sound Alarm	Sound Alarm
3R	A	Sound Alarm	Sound Alarm
1L	B	Sound Alarm	Sound Alarm
1R	B	Sound Alarm	Sound Alarm
2L	B	Sound Alarm	Sound Alarm
2R	B	Sound Alarm	Sound Alarm
3L	B	Sound Alarm	Sound Alarm
3R	B	Sound Alarm	Sound Alarm

[Transition Table]

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- 아래 3개의 시스템 중 2개를 선택하여 MS의 STRIDE에 따라 3가지 이상의 위협을 도출하고 DREAD로 분석 평가하시오

- Online Auction System
- Online Consumer Service System : 요금결제, 시험지원, 출생/사망증명서, 운전면허 갱신 등 지원
- Online Exam management System

### 3. 2012.2학기 기말고사 5번 동일

### 4. 2012.2학기 기말고사 9번 동일

- Polynomial Security와 Semantic Security를 정의 설명하고 이들 간의 관계도를 그리시오
- 2012.2학기 기말고사 6번, 7번 동일