

종합설계1 BADID 블록체인 기반 자기주권형 분산 신원 증명 연구(아파트출입)



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01. Introduction

▶ 개요

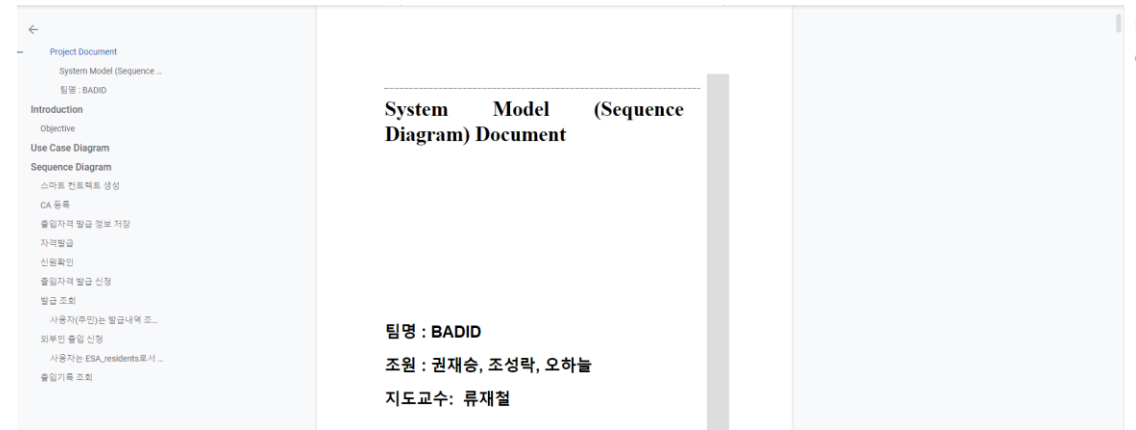


블록체인 기반 자기주권형 분산 신원 증명 연구(아파트출입)

• 시퀀스 다이어그램 작성

- 블록체인 기반 아파트 출입 시스템의 모델(시퀀스 다이어그램)에 대한 내용 작성
- 시스템의 각 유즈 케이스에 대한 시퀀스 다이어그램을 명세

- 협업에 사용한 도구 : Google 공유 문서



The background of the slide is a composite image. It features a night-time aerial view of a city, likely New York City, with its lights and buildings visible. Overlaid on this cityscape is a network of white lines and nodes. Various blue circular and hexagonal icons are connected to these nodes, representing different digital concepts: a globe, a brain, a cloud, a Wi-Fi symbol, a person, a laptop, a bar chart, a factory, a person in a hard hat, and a person in a suit. The overall theme is digital connectivity and smart infrastructure.

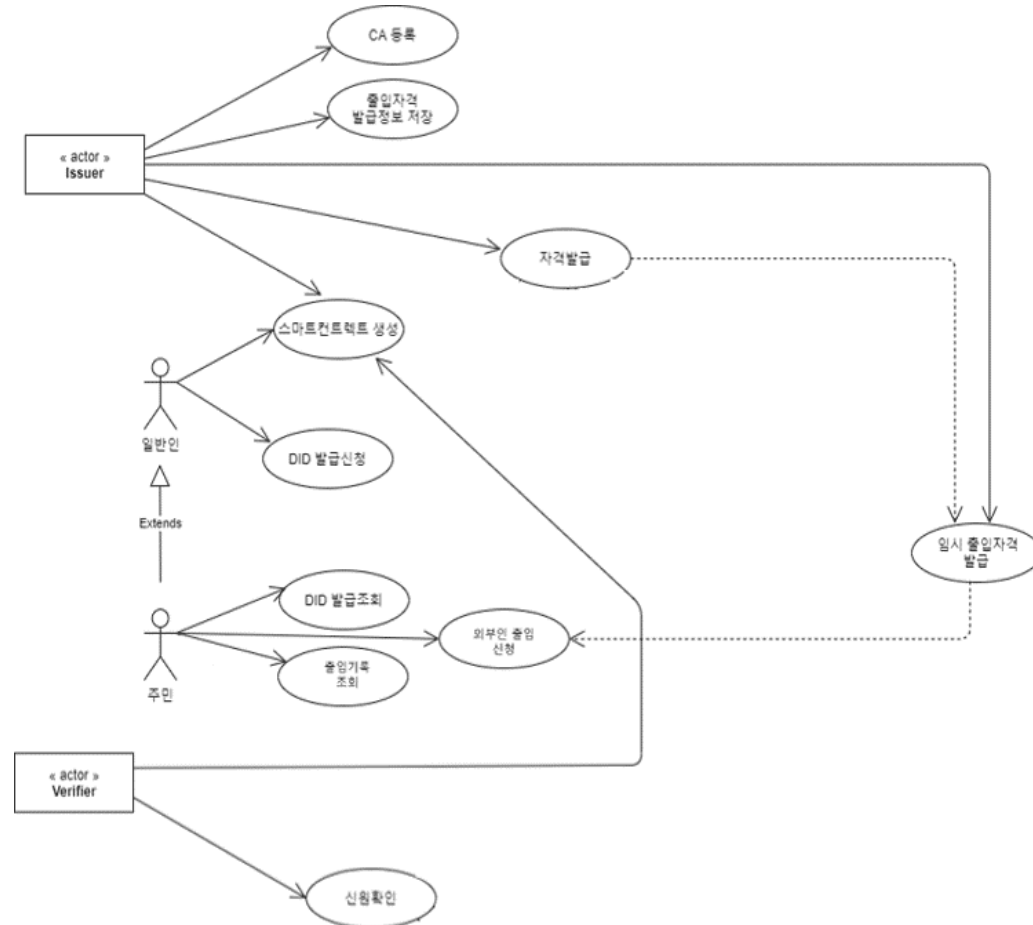
02. Usecase Diagram

▶ Usecase 다이어그램



• 유즈케이스 다이어그램

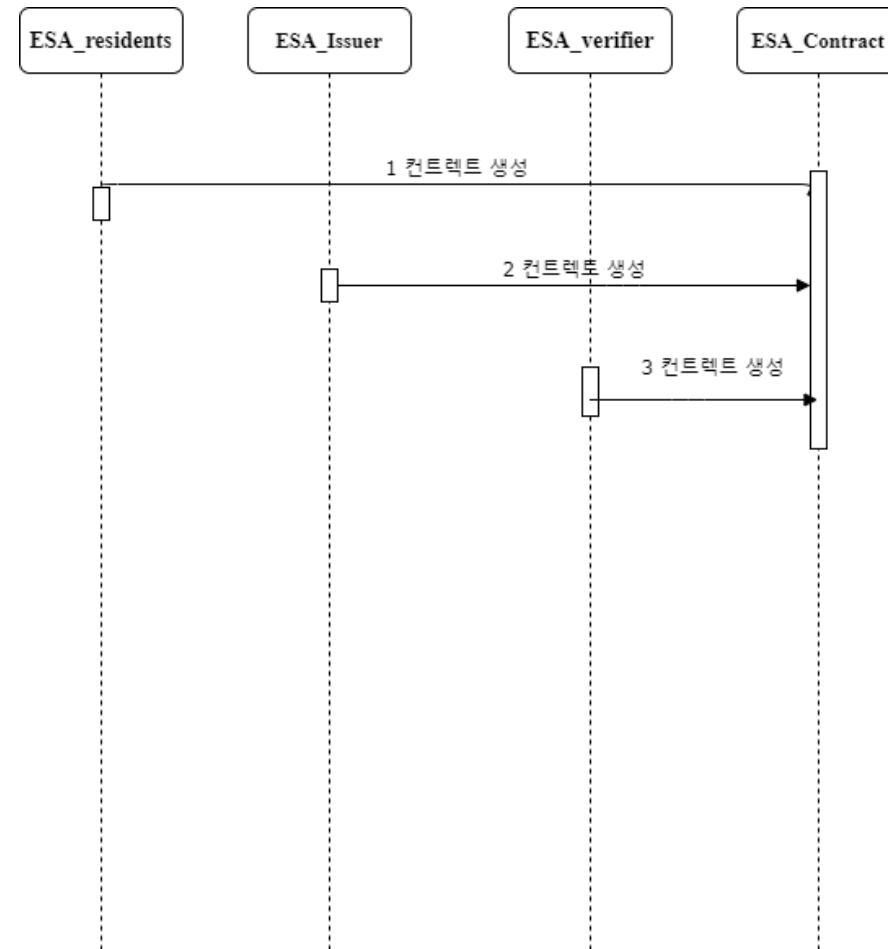
- CA 등록
- 출입자격 발급정보 저장
- 자격 발급
- 임시 출입 자격 발급
- 스마트 컨트랙트 생성
- DID발급신청
- DID발급 조회
- 출입기록 조회
- 외부인 출입신청
- 신원 확인

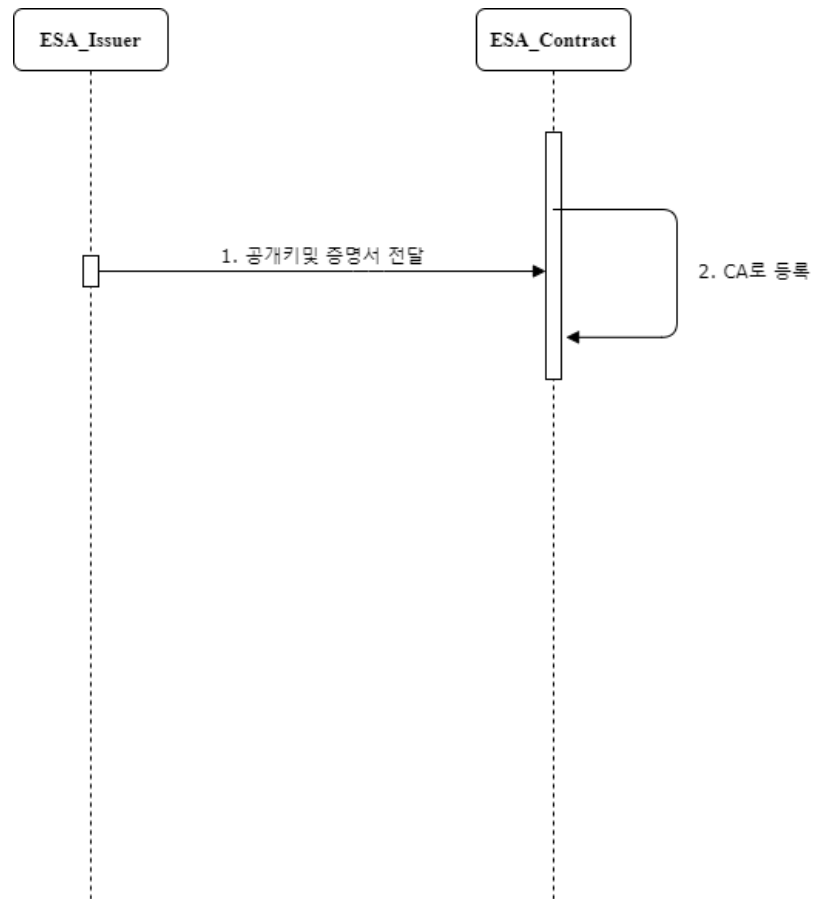




03. Sequence Diagram

- ▶ Sequence Diagram 명세
- ▶ Q & A

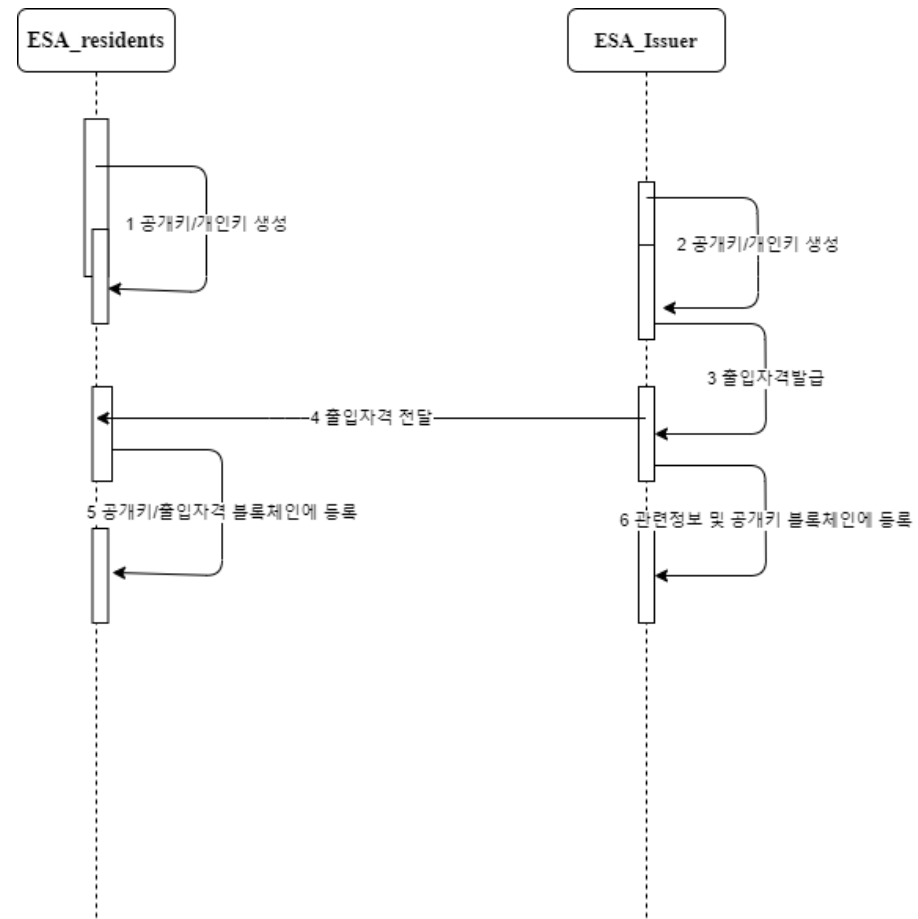


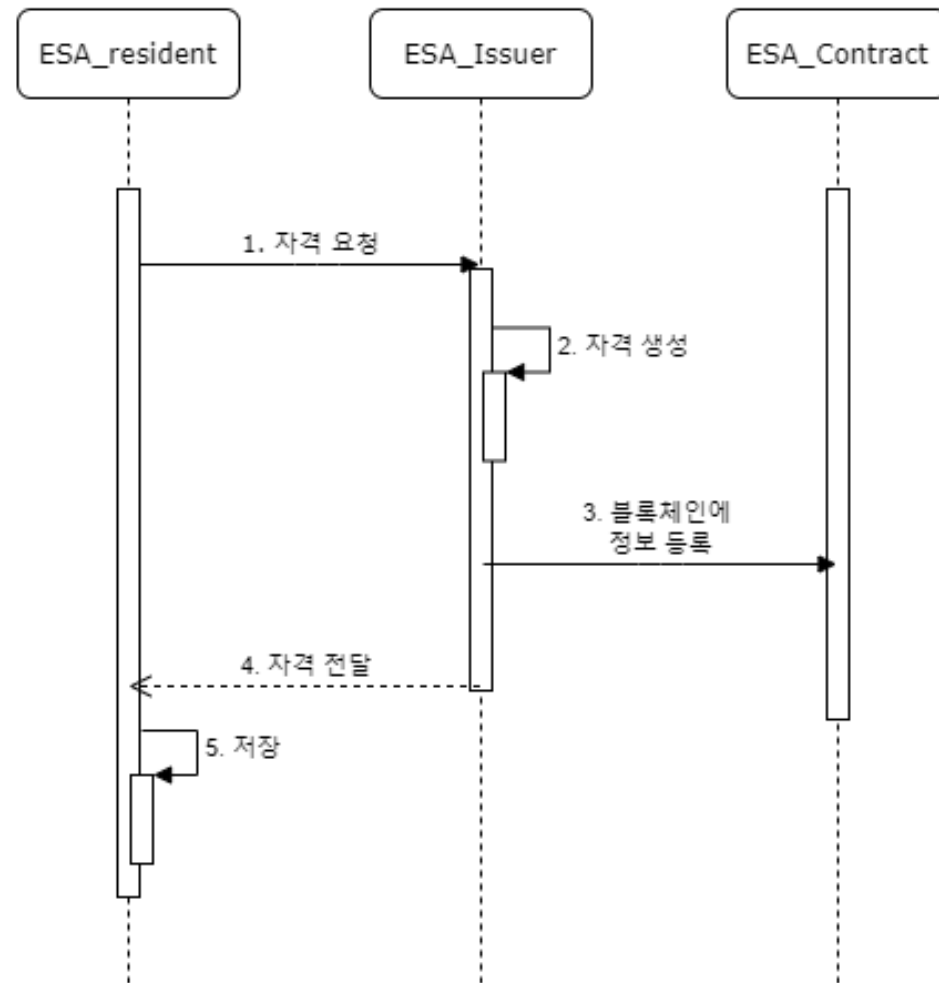




출입자격 발급 정보 저장

03. Sequence Diagram

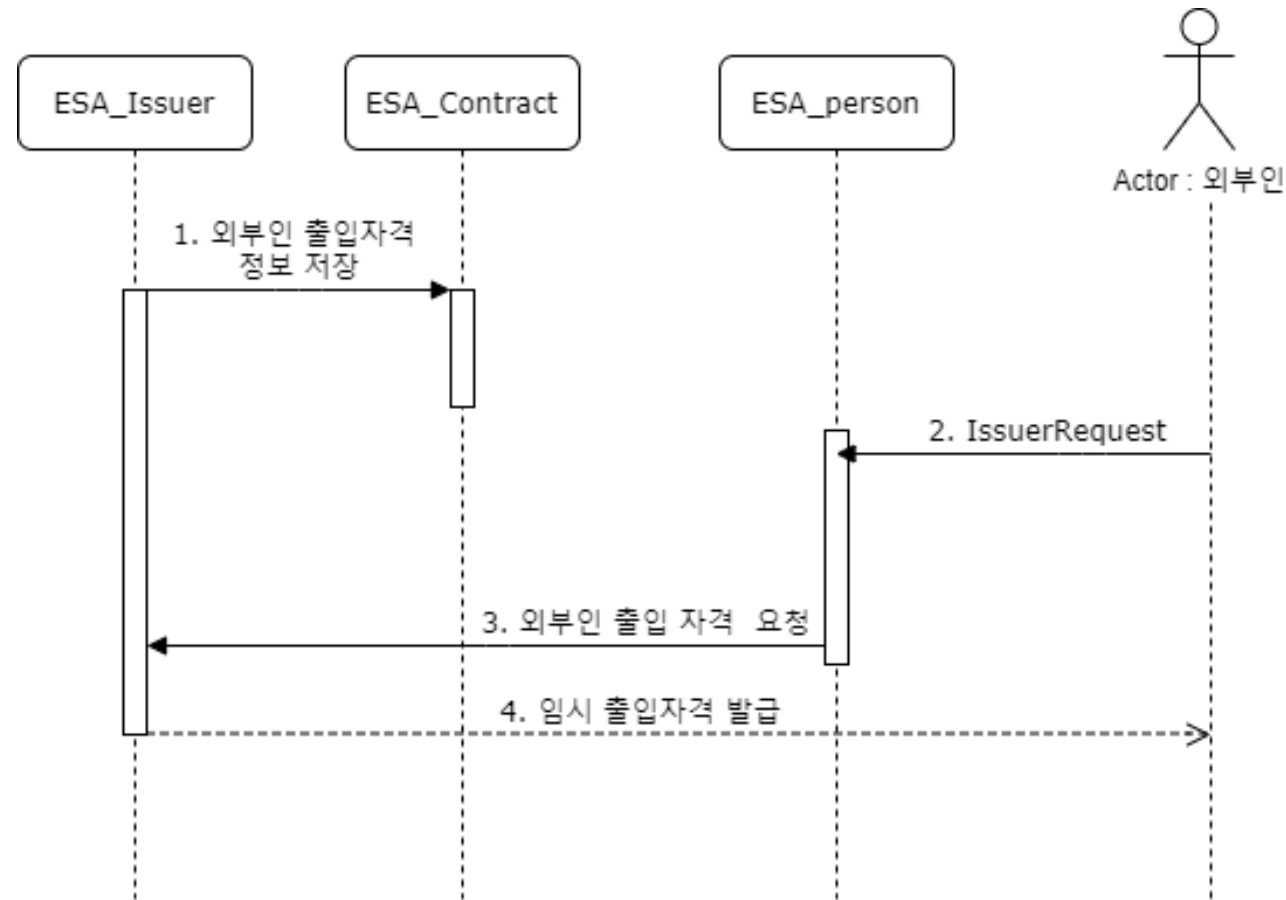






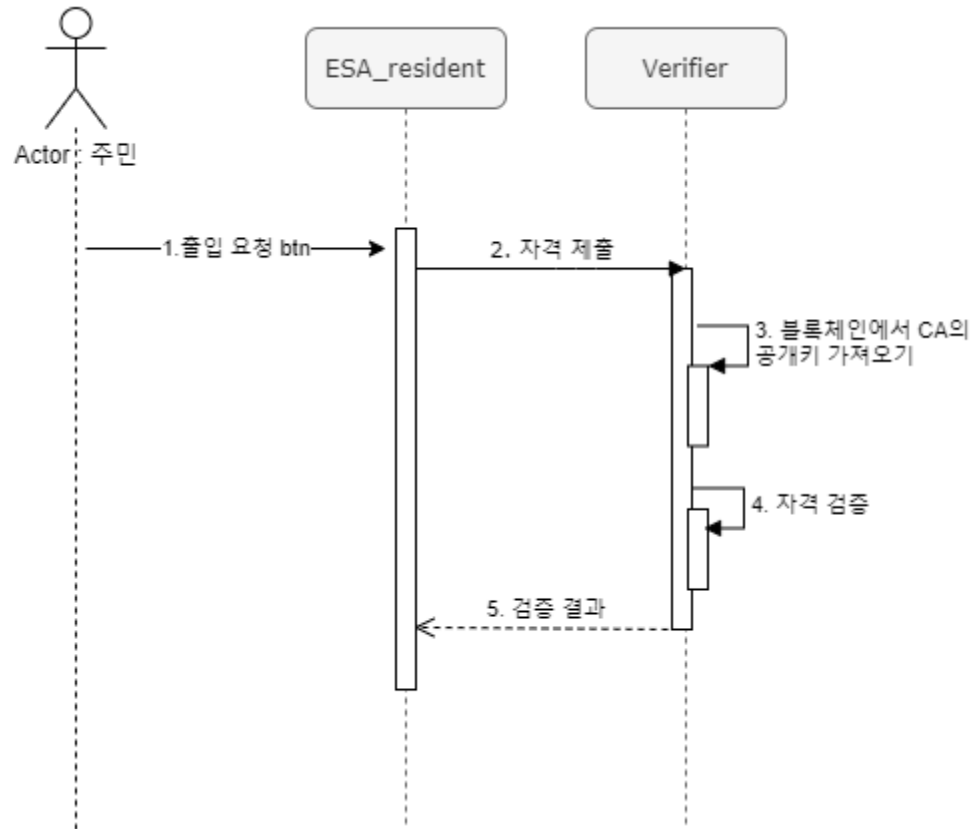
임시 출입자격 발급

03. Sequence Diagram

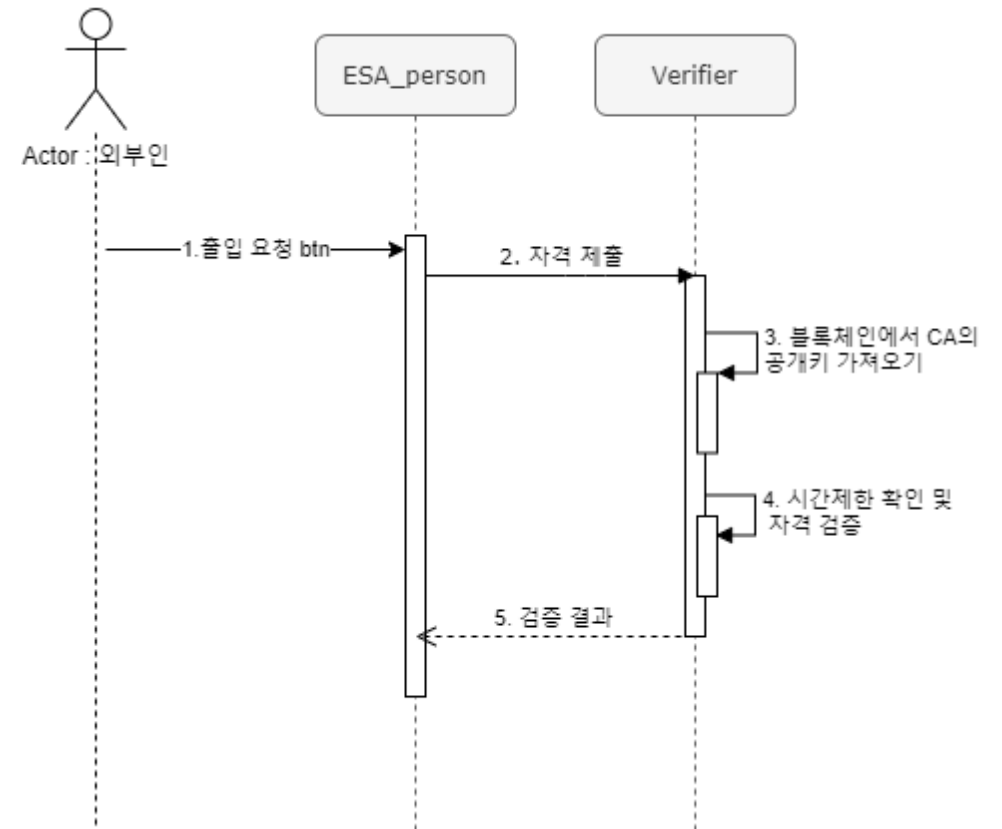




➤ 주민의 경우



➤ 외부인의 경우

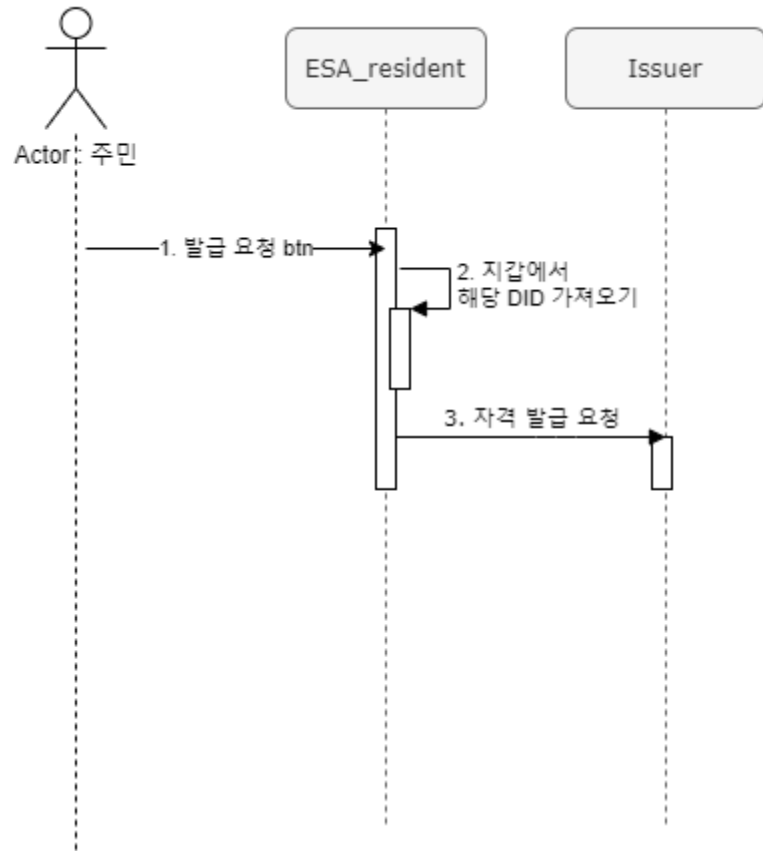




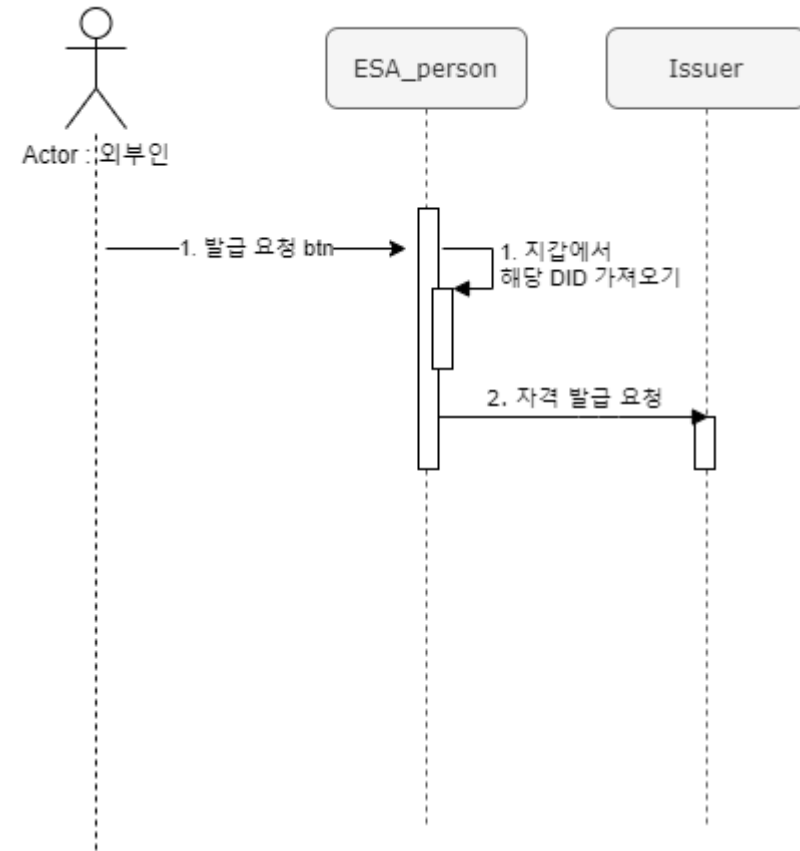
출입자격 발급 신청

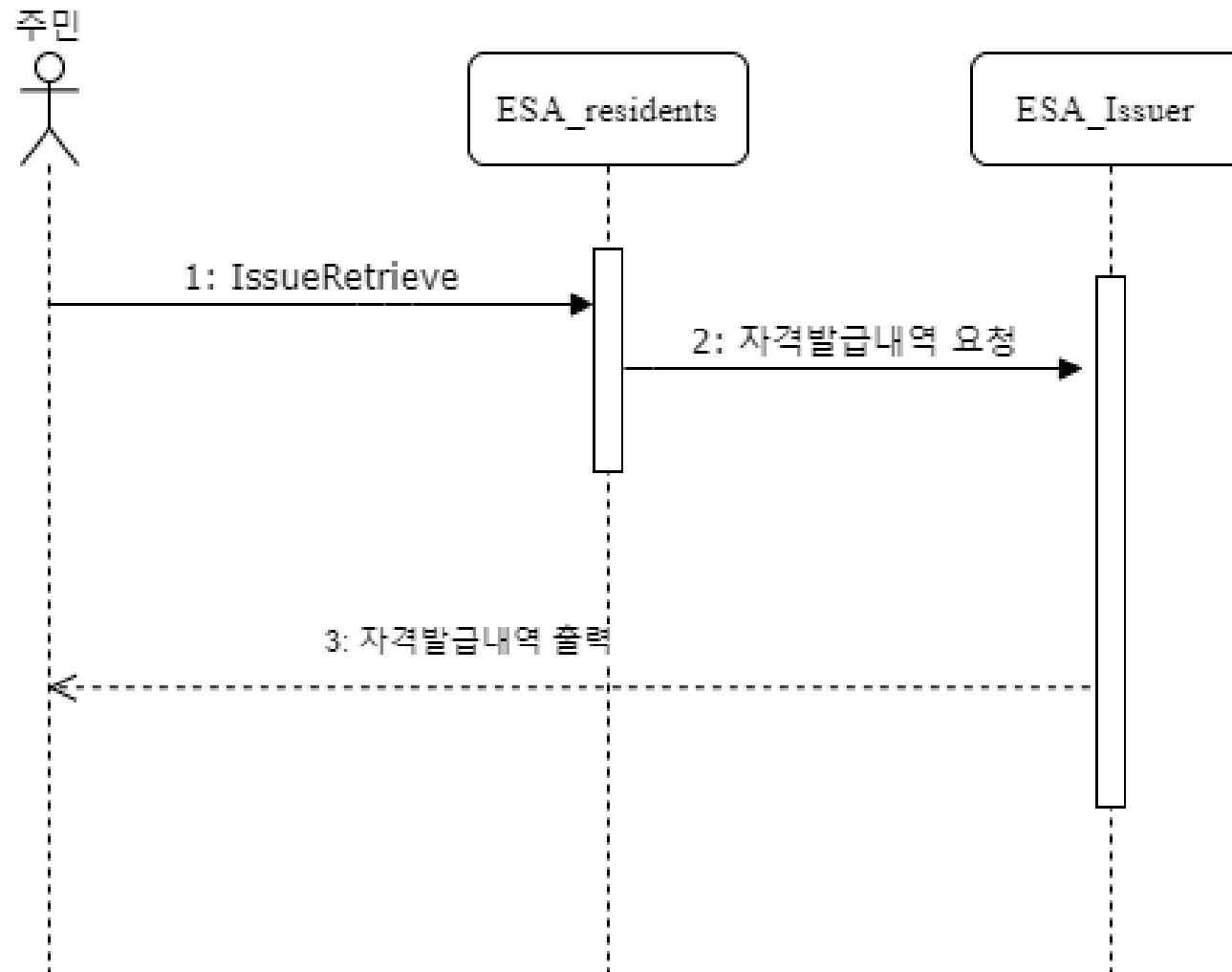
03. Sequence Diagram

➤ 주민의 경우



➤ 외부인의 경우

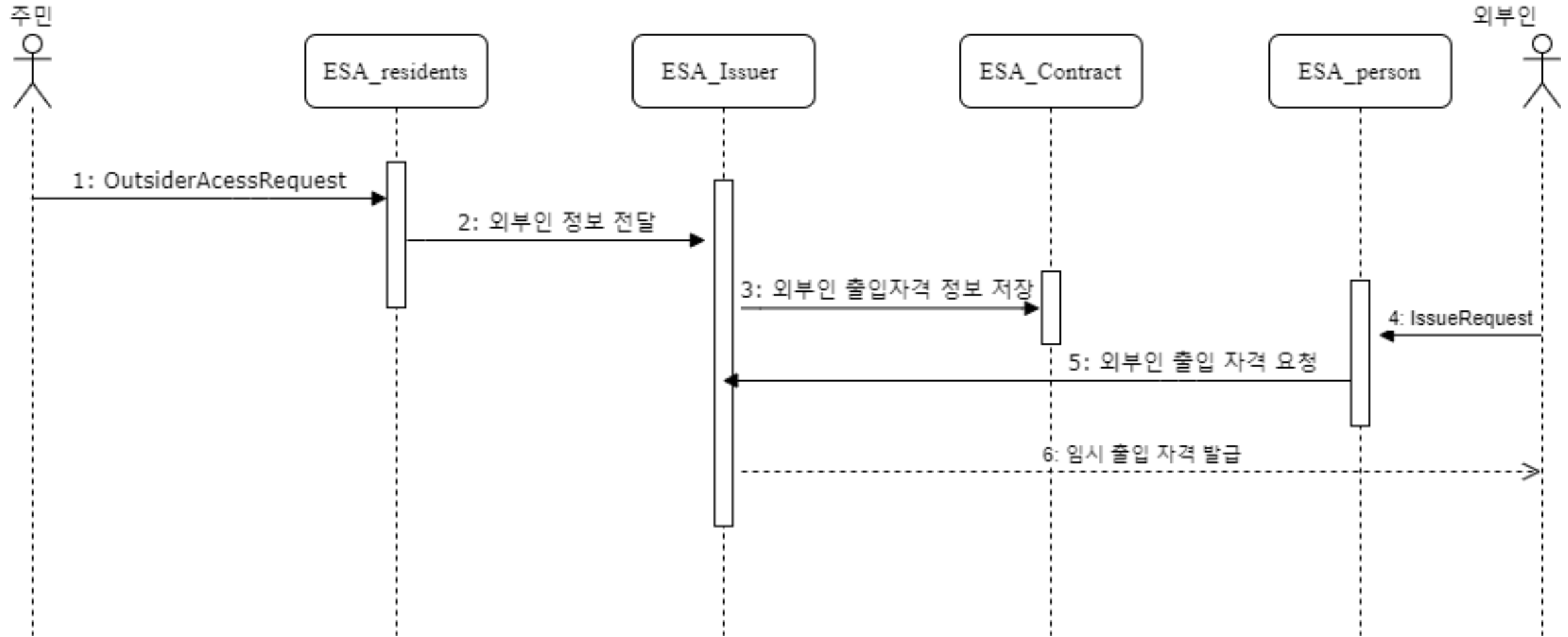


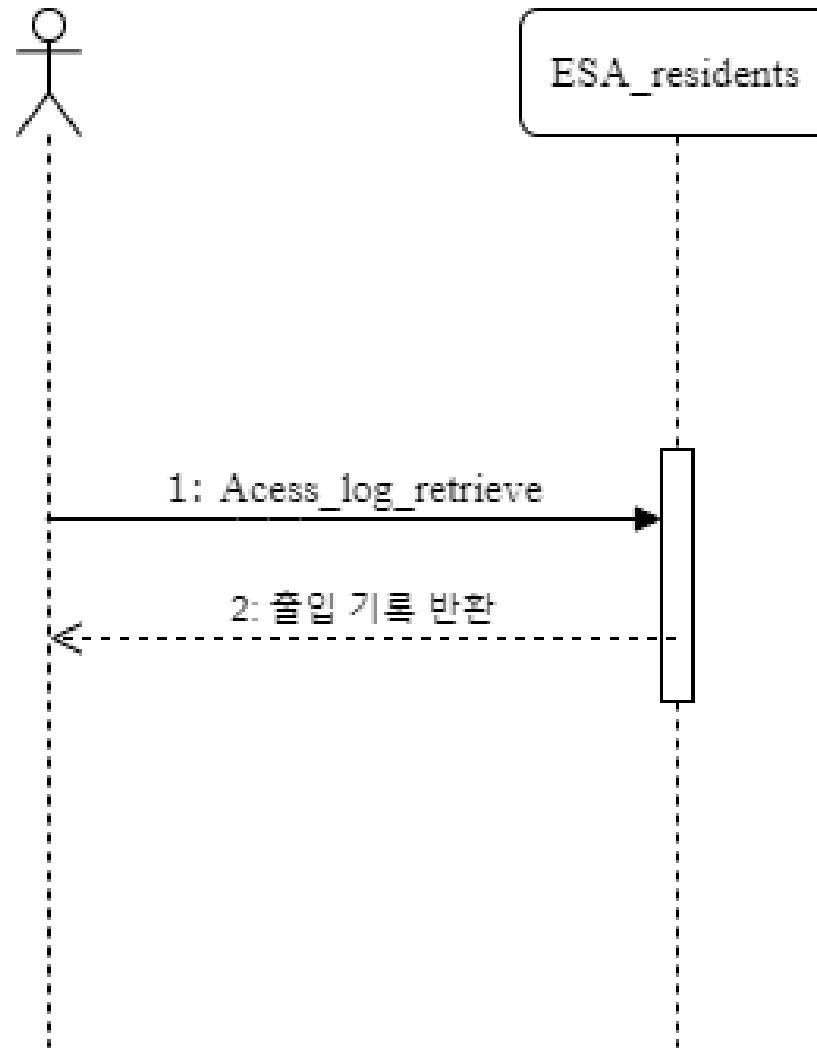




외부인 출입 신청

03. Sequence Diagram





Thank You !!
Q & A

