

EndorFin smart contract 설명

Code

- Proposal factory contract:
https://github.com/Minsu-Daniel-Kim/endorfin_contract/blob/main/contracts/ProposalFactory.sol
- Proposal contract:
https://github.com/Minsu-Daniel-Kim/endorfin_contract/blob/main/contracts/Proposal.sol
- Test code:
https://github.com/Minsu-Daniel-Kim/endorfin_contract/blob/main/test/proposal.js

Code 설명 영상

- <https://drive.google.com/file/d/19ALFDyDt7ftZNzHIOPWMvw0uEfoTyGI/view?usp=sharing>

Three roles



Proposer

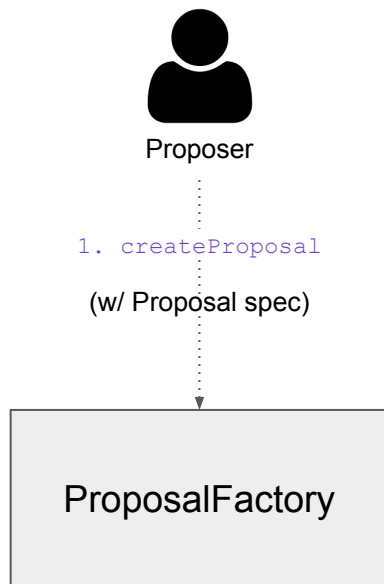


Insurance buyer

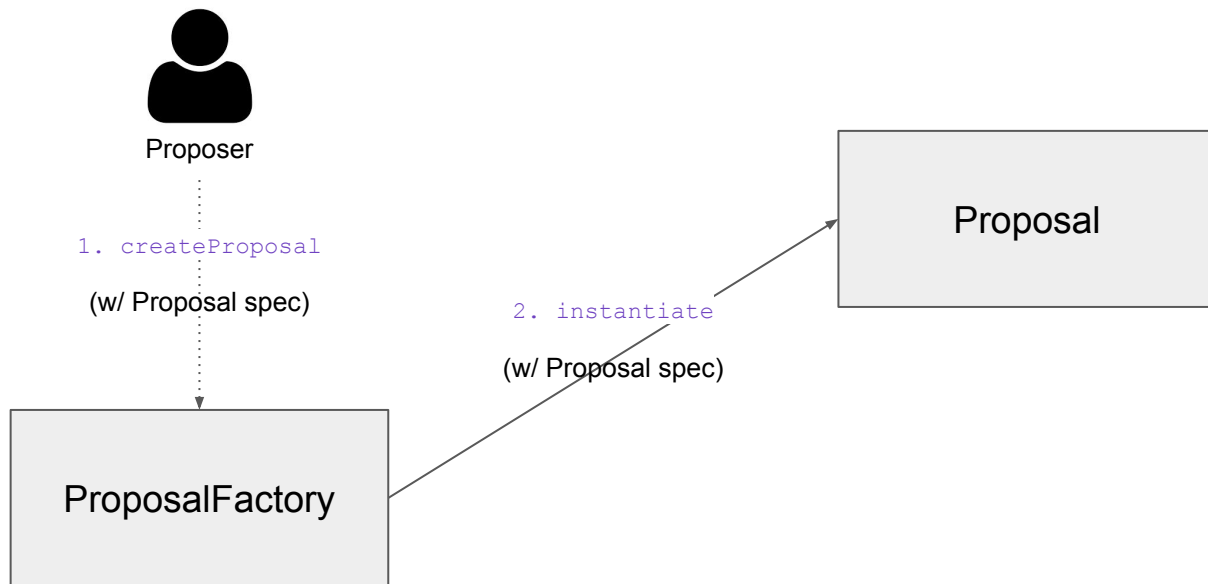


Insurance seller

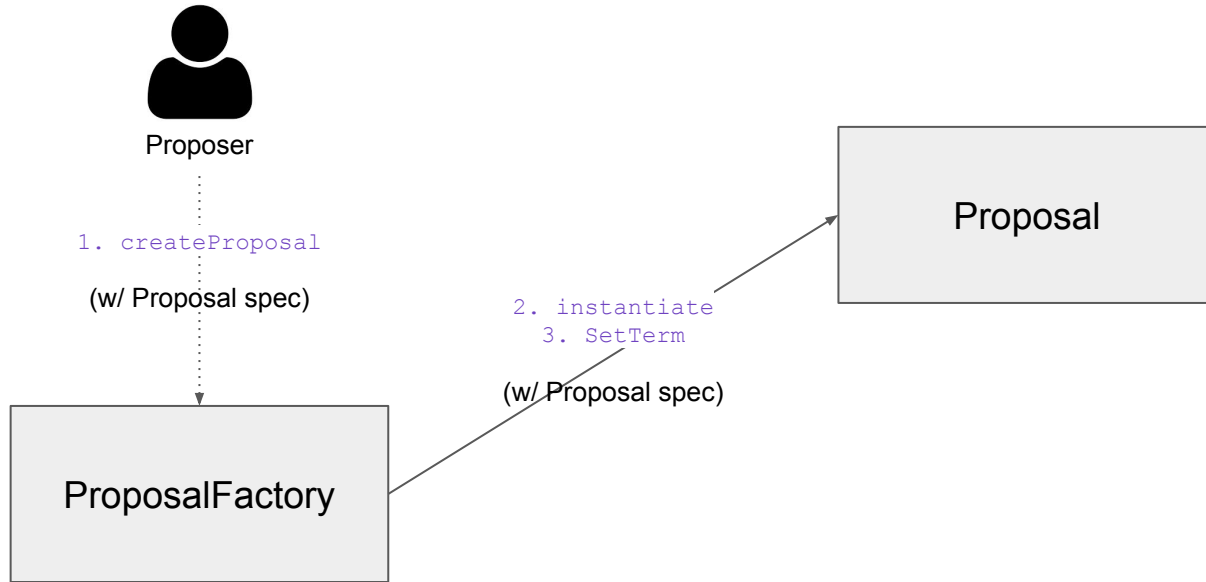
How contract works



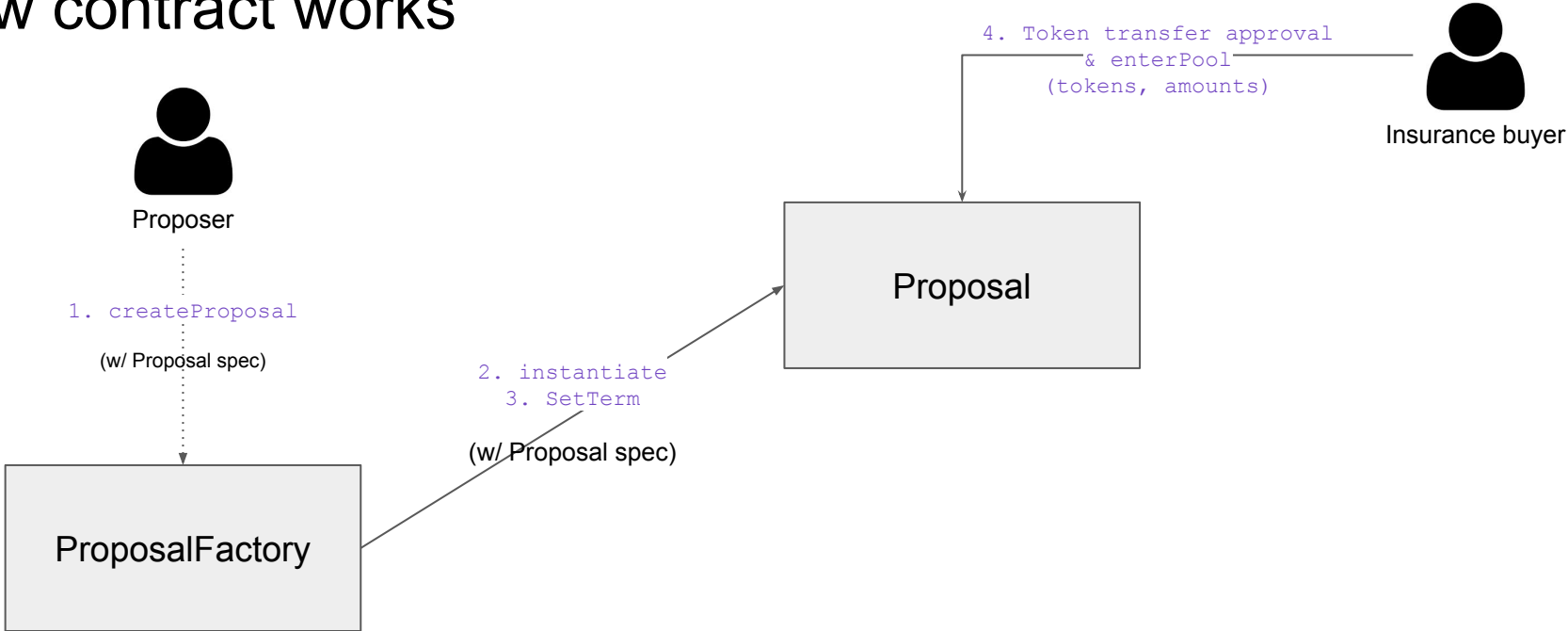
How contract works



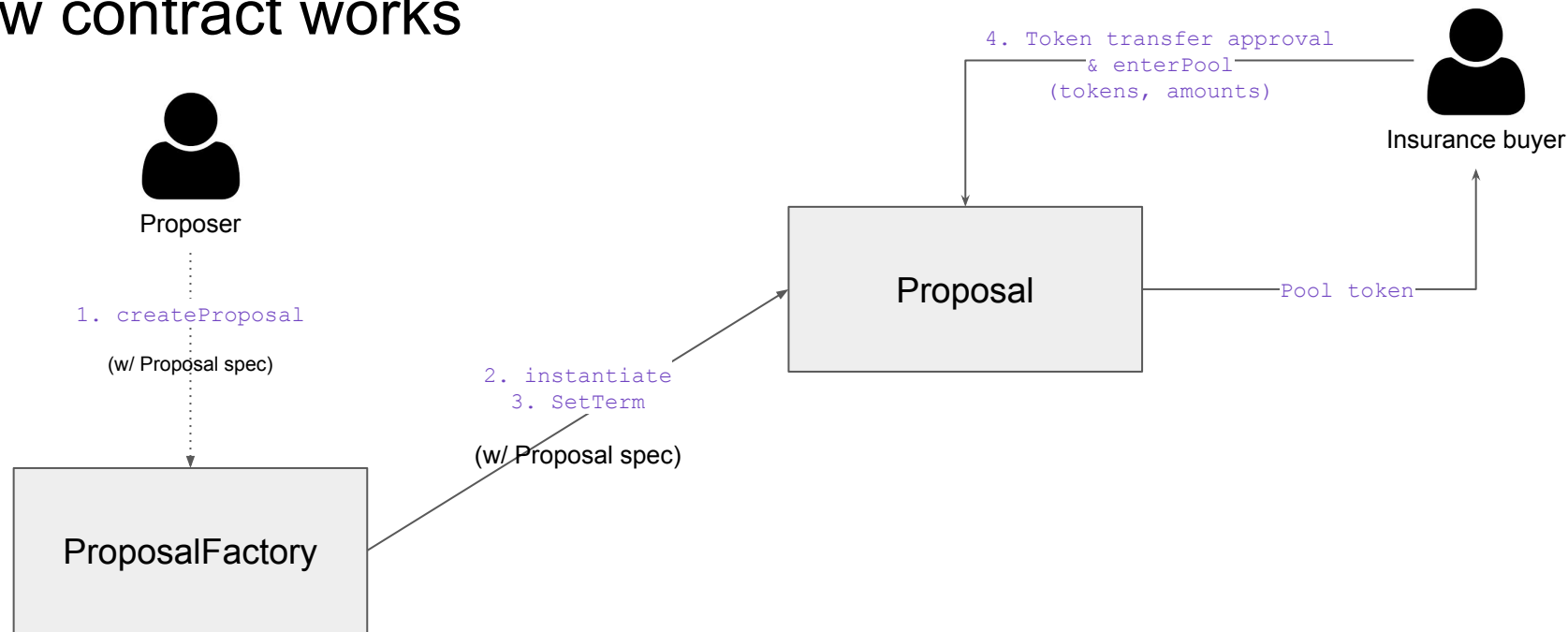
How contract works



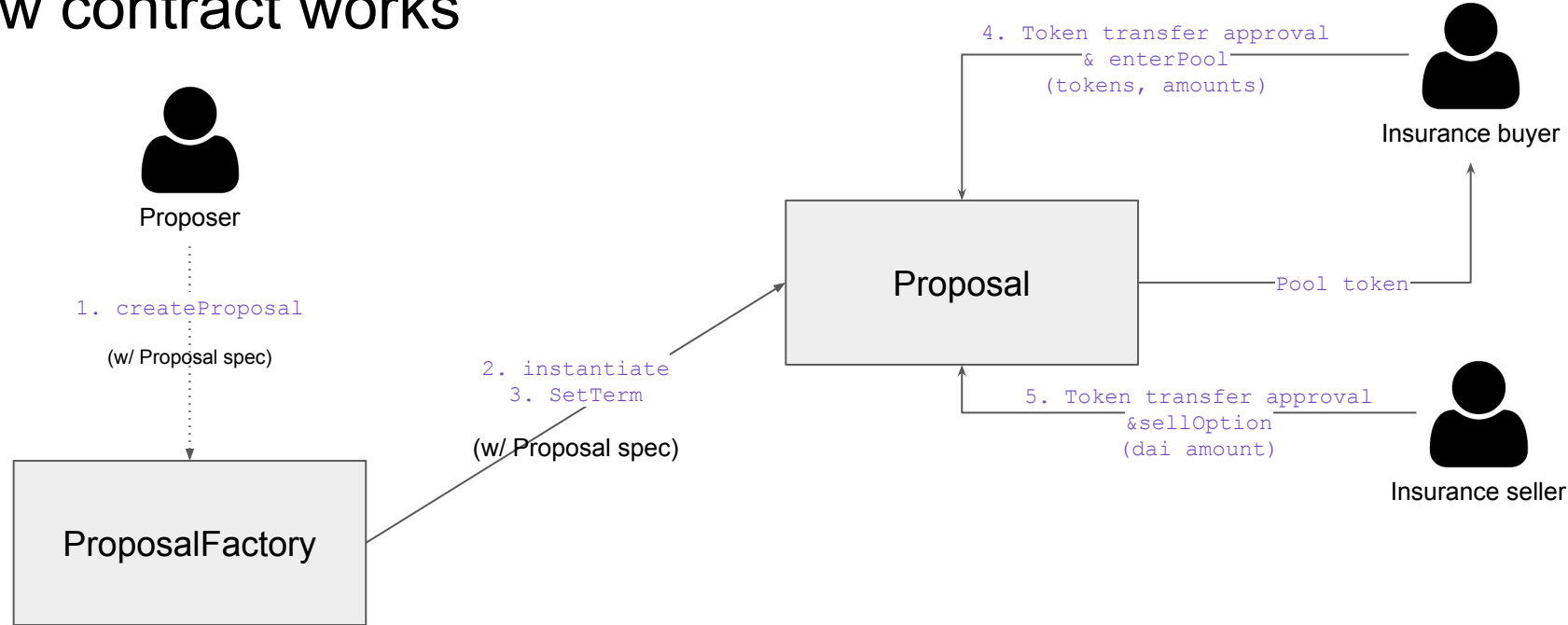
How contract works



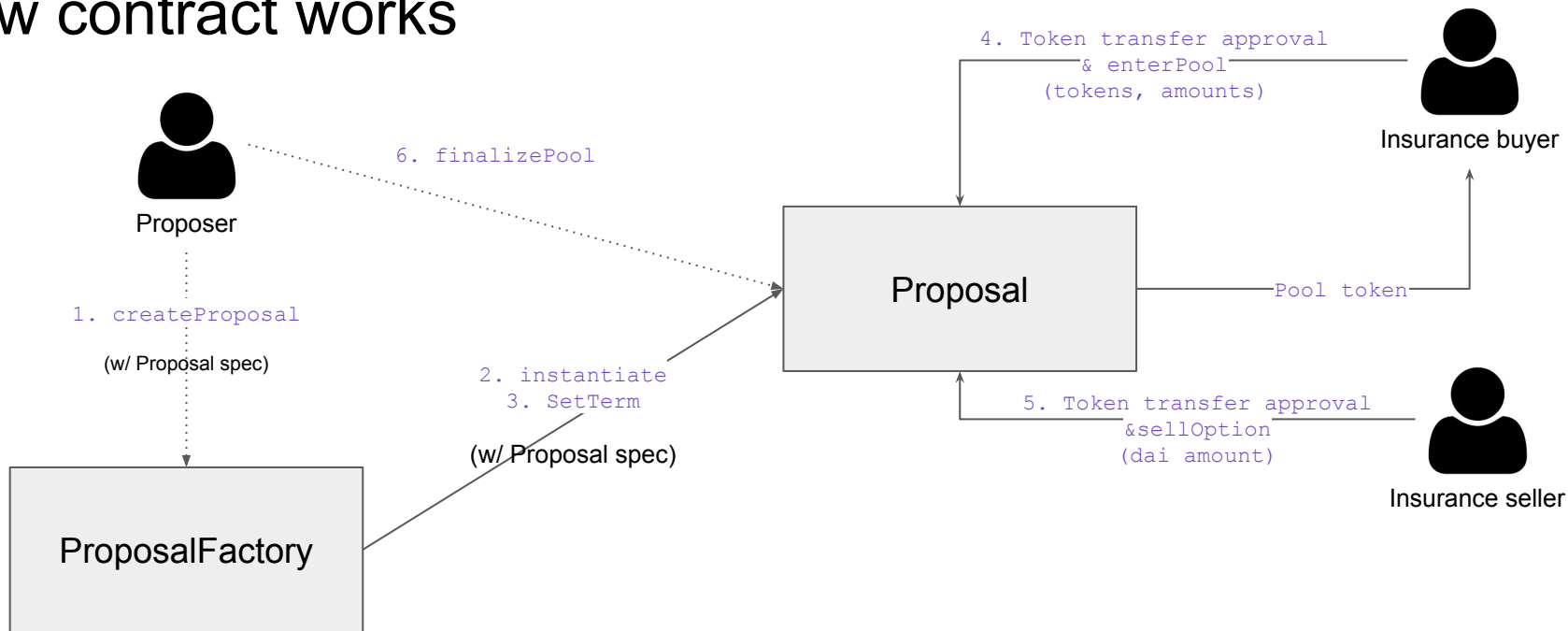
How contract works



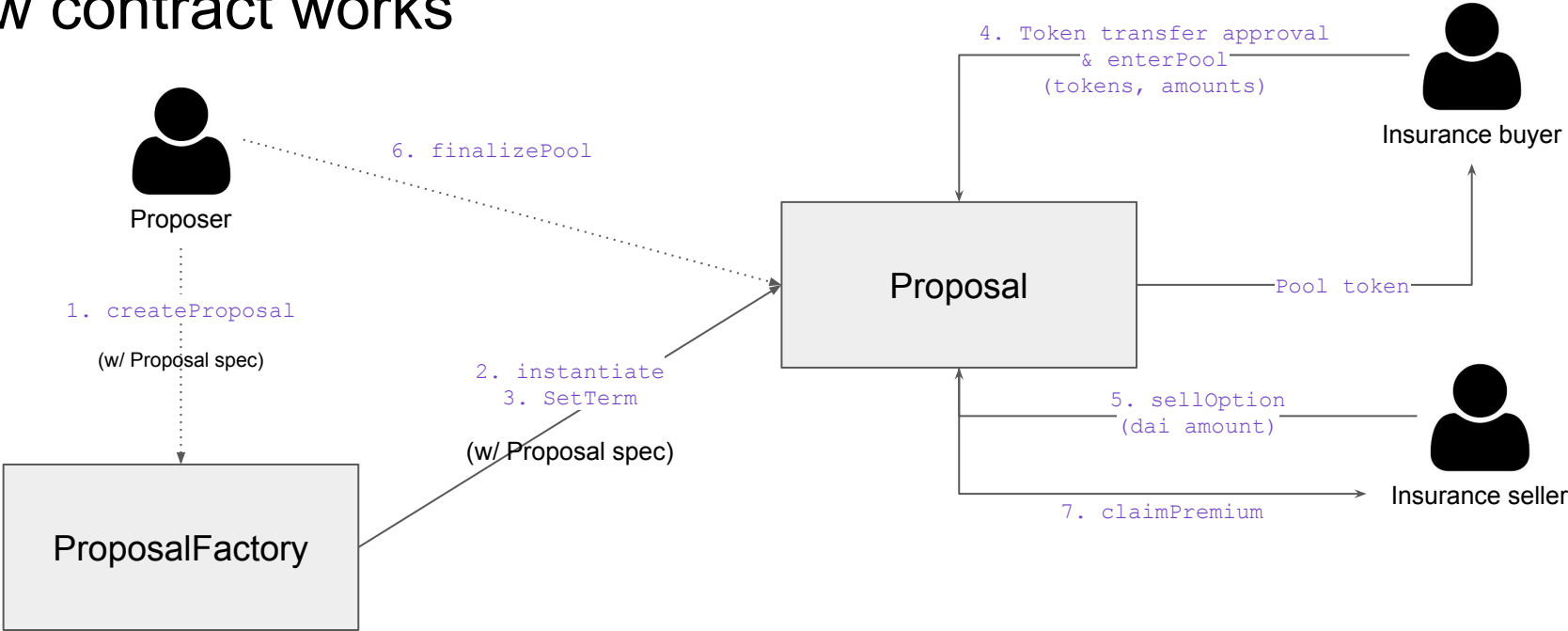
How contract works



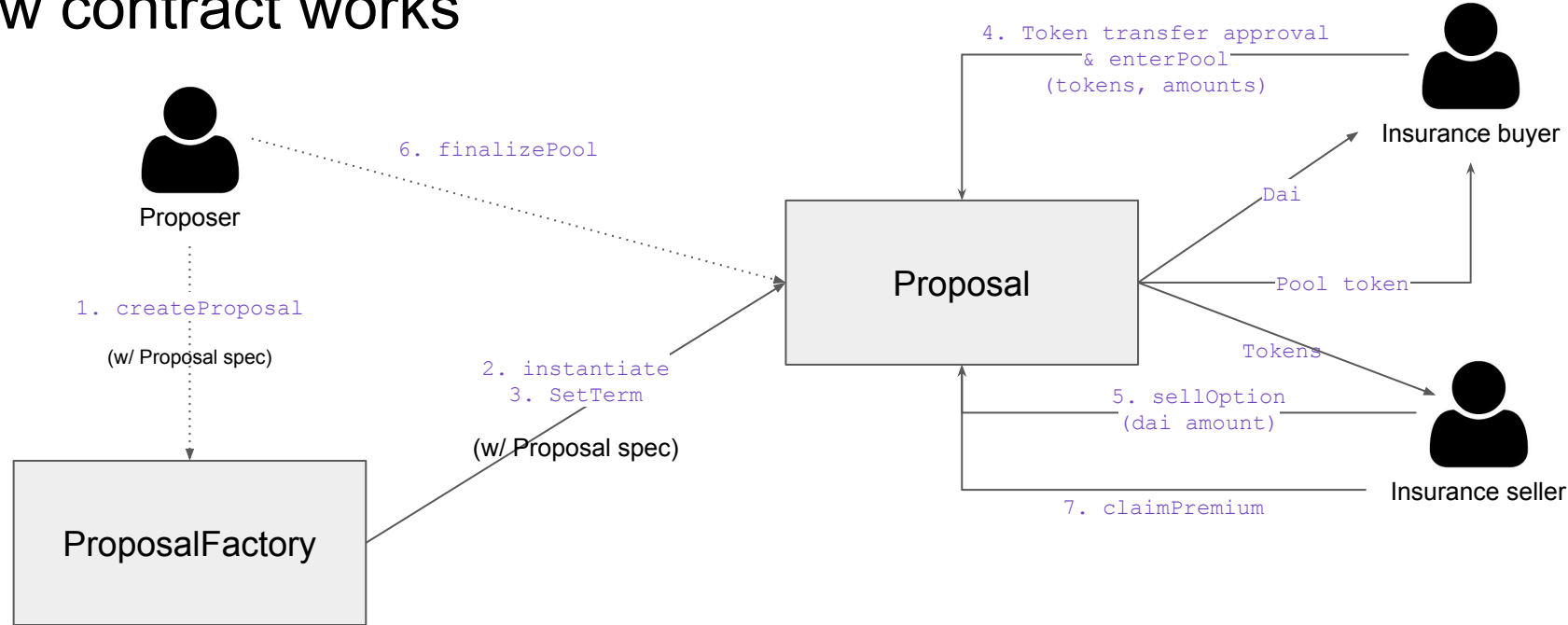
How contract works



How contract works

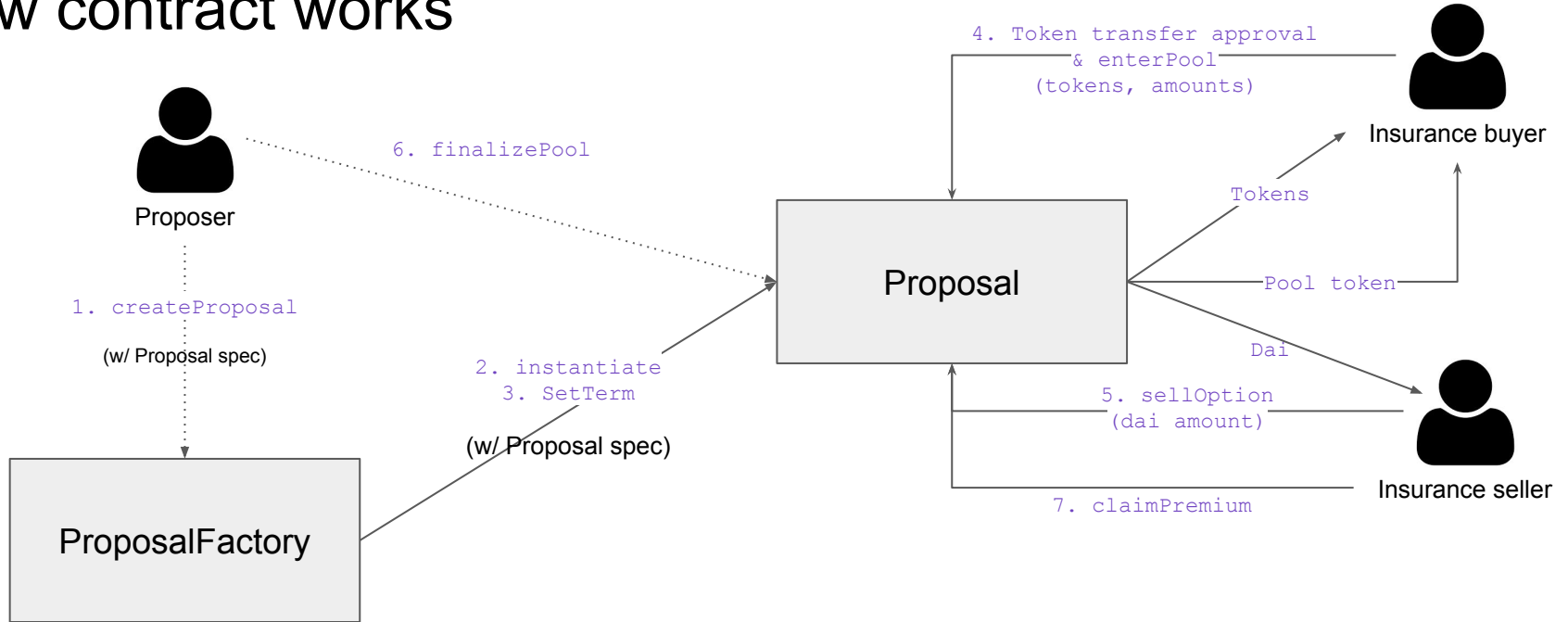


How contract works



When strike price
is arrived

How contract works



When cover period
is finished

중간 점검 전까지 추가로 진행할 사항

1. 사칙연산에 관련된 코드 **Safemath**로 변경
2. **Proposal**에 참여할 때 계약 조건을 메시지로 하여 **off-chain signing**을 하고 해당 **signature**를 디비에 저장. 그 후 **finalizePool** 함수 호출 시, 참여하는 모든 보험 구매자 및 판매자의 **signature** 적격여부 판단 후 진행