I.   Contract Information
1. Architecture Overview

TokenVesting

getVestingSchedulesCountByBeneficiary

getVestingScheduleByAddressAndIndex

getVestingSchedulesTotalAmount

<Constructor>

createVestingSchedule

revoke

withdraw

release

_computeReleasableAmount

safeTransfer

2. TokenVesting.sol
• A token holder contract that can release its token balance gradually like a
  typical vesting scheme, with a cliff and vesting period. Optionally revocable
  by the admin

2.1 Infor

- TypeOfVestingWithTGE : type of vesting with TGE
    - PUBLICSALSE : 25% TGE
    - OTHERTYPE : 5% TGE
    - NONE : 0% TGE
    - VestingSchedule: This object contains the information of the vesting schedule
        - bool initialized : vestingSchedule init
        - address beneficiary : beneficiary address
        - uint256 cliff : time in seconds
        - uint256 start : vesting calendar start time (unix)
        - uin256 duration: number of vesting periods
        - uin256 slicePreiodSeconds : time for 1 vesting period in seconds
        - bool revocable: whether or not the vesting is revocable
        - uint256 amountTotaol: total amount of token to be released at the end of the vesting
        - uint256 release : amount of tokens released
        - bool revoked: whether or not the vesting has been revoked
        - TypeOfVestingWhithTGE typeOfVestingWhithTGE : loại vesting theo TGE
        - Bool claimTGE: Have you vested TGE yet?

- token: erc20 token address

2.2modifier
- onlyIfVestingScheduleNotRevoked : Check vestingSchedule revoked

2.3 function

- Constructor(address token_) : configuration and address tokens related to vesting
- createVestingSchedule : create a vesting schedule
- revoke: vesting revoke
- withdraw : withdraw amount not related to vesting
- release : Allows a user to release his/her lock