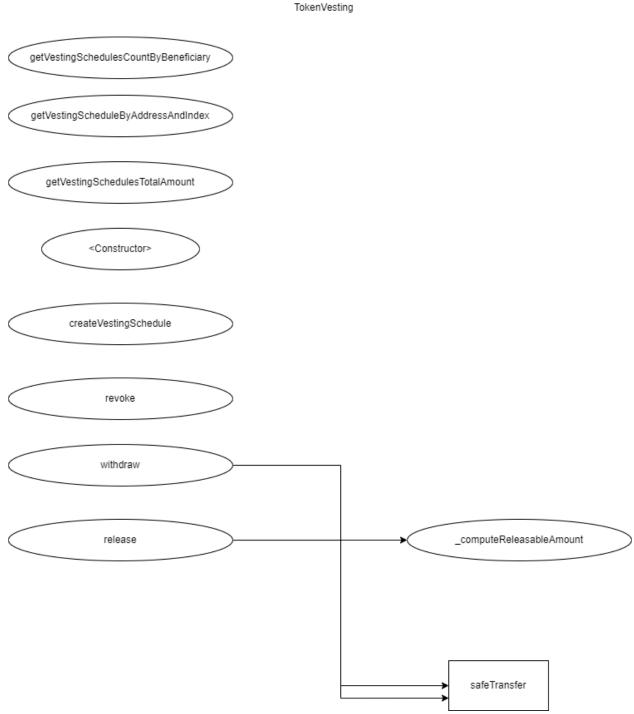
# I. Contract Information

# 1. Architecture Overview



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    - o bool revoked: whether or not the vesting has been revoked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