Test Details as in the following,

* Create ERC20 token “MINDPAY”
* Contracts for accepting Investment through Ether with following functionalities,
  + 1 Ether = 1000 Mindpay
    - >1 & <5 Ether investment will have 10% bonus tokens
    - >5 Ether investment will have 20% bonus tokens
  + 90% of the investment (ether) should be locked in a reserve contract along with 100% tokens he/she is going to get. Ideally it should be locked 365 days but for testing we can put 15 Minutes
  + 10% of the investment should go to a liquidity contract.
  + At the end of 15 minutes investor can take following functions (Any of the action)
    - Cancel investment - in this case 90% of investment will return to investors from reserve contract 100% tokens will be burned automatically.
    - Stake Investment - Stake the investment. 90% of the funds will go to liquidity contract and 100% MindPay tokens goes to Staking Contract
* All the transactions should be done through Metamask

Criteria for successful Test

* All the smart contracts should compile without any issues
* Staking part is optional, if you can complete within timeline would be best
* Make sure whatever functions you develop should be secure with major vulnerabilities
* We should have all the code in zip file with all necessary information to configure
* Send your code to respective interviewer on his email
* UI can be done in React or Angular or pure html with JS. Basically it should be configurable on our side

Sample UI

