Blockchain Development Challange @ HackerEarth 2019 Sumission

Submitted by Contact

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Deployment Instructions:

- Copy the Smart Contract in registry.sol file and head over to remix.ethereum.org
- Create a new file by clicking + icon on top left most collumn
- Paste the code in the editor
- Select the comiler version 0.4.16 and turn on auto comile and click Start to comile.
- After this move to the Run tab and select and deploy both Owned and registry contacts if its successful who new instances would pop below the deployment button.





Account- variuos accounts with 100 ethers to process

editland-edit land registry details

setland- create registry getland – get land details from the account hash

getlands – array of adresses alloacted with the account

land_arr, trans_log - should be used to manage
 transaction (currently non fucntional)

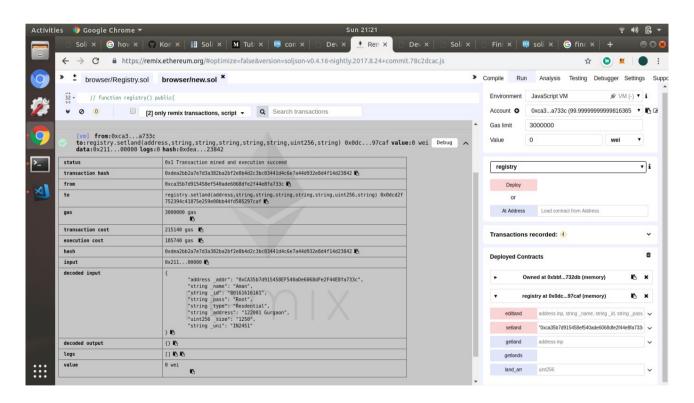
ShortComings:

- No proper functional front end yet due to the tremendous changes in solidity 5.0.
- No implementation of the transaction module.

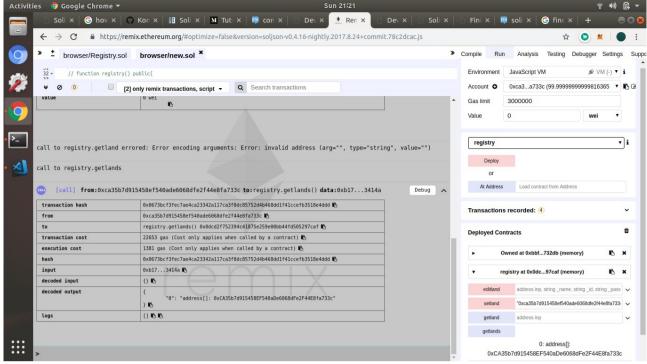
Features:

- The Blockchain is functional and records variuos data appropriatively
- The Blockchain have a immunity against tamering of data from another account ie: alex created the block, so only alex account can use editland()
- The Blockchain have a seperate and cummilative information API.

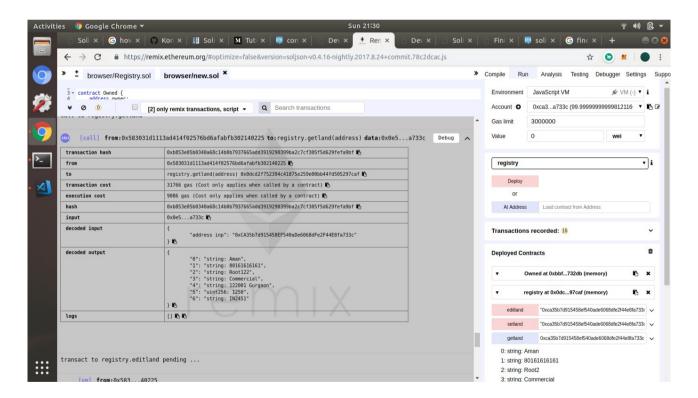
ScreenShots



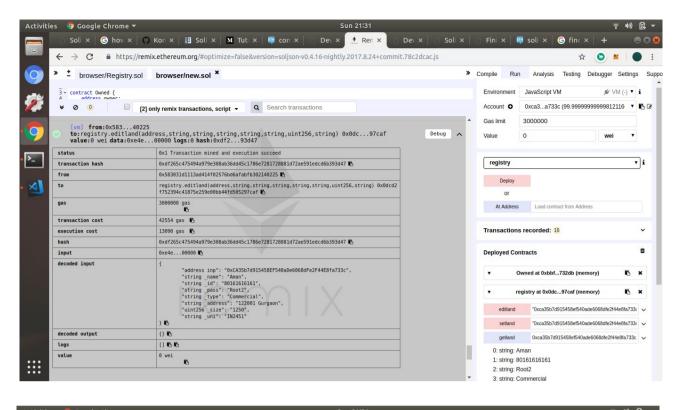
Adding Record

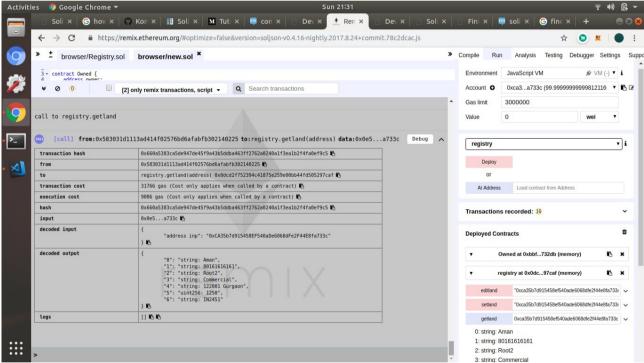


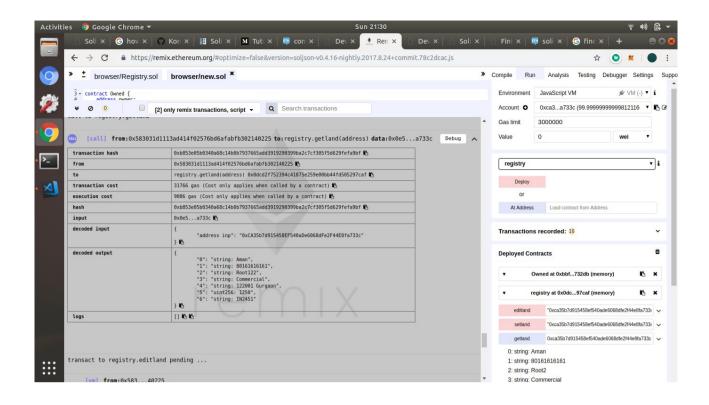
Total Adresses

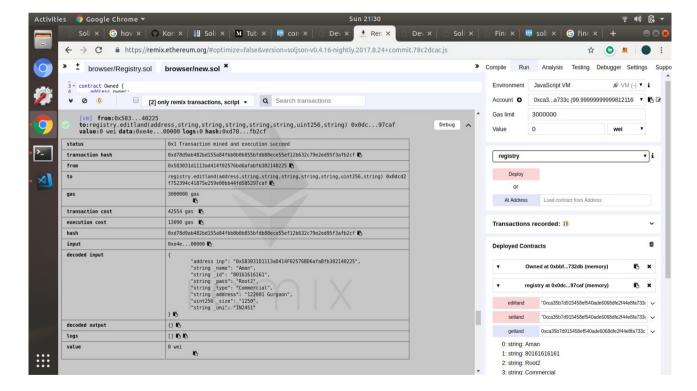


A purticular address info









Demonstration of immunity against editing registry by some other accounts

