**Introduction:**

Demonstrating an Ethereum based smart contract application which is developed in solidity with interaction from web3js based GUI application.

**Contract Details:**

Contract Deployment Environment – Ganache

Variables:

* Project (mapped to address)

Function:

* Setter
  + setProject
  + lakeAuthorityApproval – payable
  + forestAuthorityApproval – payable
* Getter
  + getProject
  + overallApprovalStatus

**GUI Details:**

Web based GUI (plain HTML with CSS / angular based app) with below screens

* Submit NOC Request
* View NOC Status
* View list of Requests
* Approve Requests (Forest/ Lake authorities)

**To Do:**

* Use truffle framework
* Error handling
* Events
* ERC20 compatible