

BLOCKCHAIN TECHNOLOGY LAB (20CP406P)

LAB ASSIGNMENT - 7



B.Tech in Computer Science and Engineering Dept., Pandit Deendayal Energy University, Gandhinagar



Name: Mire Kishorkumar Patel

Roll No.: 19BCP080

Branch: Computer Engineering

Lab Assignment 7

Aim: Create the Banking Application, Deploy it on Testnet through Metamask

Introduction:

- **Testnet:** Testnet is a test network for Bitcoin that is used by developers to test new features or implementations before they are ready for mainnet. Testnet coins are separate and distinct from actual bitcoins, and are never supposed to have any real-world value. This allows developers to experiment with new features or implementations without having to worry about breaking the main network.
- **Metamask:** Metamask is a digital wallet that allows you to store, send, and receive cryptocurrency. It is one of the most popular wallets in the world and is used by millions of people. Metamask is available on all major platforms, including Windows, Mac, Linux, and Android.

Source Code:

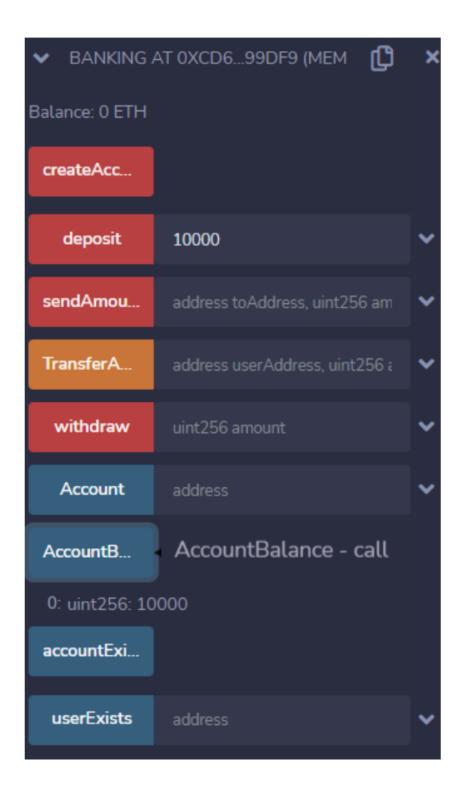
- Smart Contract:

```
function AccountBalance() public view returns (uint256) {
    return Account[msg.sender];
}

function accountExist() public view returns (bool) {
    return userExists[msg.sender];
}

75
}
```

Output:



Deploying the banking smart contract in Ganache UI and Metamask:

