

A Banking Application

A banking application, where each user is given a unique account number and make deposits, withdraws, transfers and view past transaction. An interest of 1% per day is also given to the user for choosing to bank with us, calculated by average daily balance.

Functional Requirements

- The application should use Metamask to execute transactions on the network.
- Each user
 1. Has a unique account number
 2. Can add ether using metamask accounts.
 3. Can withdraw ether into other accounts.
 4. Can transfer to other accounts.
 5. Can view balance and transaction history.
 6. Receives 10% interest on average daily balance.

Tech Stack

- **Solidity** (Smart Contract)
- **Ganache** (Local ethereum test blockchain for testing)
- **Truffle** (DApp Framework)
- **Web3.js**
- **Metamask**
- **Ethereum Network**
- **HTML, CSS, JS/Angular/React**