

ZIP FILE

Date	20 October 2023
Team ID	NM2023TMID02250
Project Name	Project- Farmer Insurance Chain
Maximum Marks	4 Marks

DOWNLOAD ZIP FILE FOR PROJECT AND EXTRACT IT AND OPEN IN VS CODE:

To set up the Farmer Insurance Chain project on your local system, follow these steps:

Download the Project ZIP File:

Start by downloading the ZIP file containing the Farmer Insurance Chain project from a trusted source or repository. Make sure the ZIP file includes all the necessary source code, assets, and configuration files.

Extract the ZIP File:

Once the ZIP file is downloaded, extract its contents to a location on your computer. You can typically do this by right-clicking on the ZIP file and selecting an "Extract" or "Unzip" option, or by using a tool like WinZip, 7-Zip, or the built-in extraction feature in your operating system.

Open Visual Studio Code (VS Code):

If you don't have Visual Studio Code installed, you can download it from the official website (<https://code.visualstudio.com/>)

and follow the installation instructions for your specific operating system.

Open the Project in VS Code:

After installing VS Code, launch the application. Then, go to "File" > "Open Folder" and navigate to the folder where you extracted the Farmer Insurance Chain project. Select the project folder and click "Open."

Review and Configure:

Once the project is open in VS Code, take some time to review the project structure and files. Make sure to check if there are any specific setup or configuration instructions provided in the project's documentation.

Install Dependencies:

If the project requires any dependencies (such as libraries or packages), open the integrated terminal in VS Code and navigate to the project's root directory. Use a package manager like npm or yarn to install the required dependencies.

Build and Run:

Follow the project-specific instructions to build and run the Farmer Insurance Chain application. This may involve running specific commands in the integrated terminal within VS Code.

By following these steps, you can successfully download the ZIP file for the Farmer Insurance Chain project, extract its contents, open it in Visual Studio Code, and begin working on the project. Remember to refer to any project documentation or README files for additional guidance on setup and usage.

remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js

FILE EXPLORER

WORKSPACES

default_workspace

contracts

scripts

tests

.prettierrc.json

BLESS.sol

README.txt

```
1 //SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.0;
3 contract Insurance {
4     struct InsurancePolicy {
5         address holder;
6         string policyNumber;
7         uint256 premiumAmount;
8         uint256 coverageAmount;
9         uint256 expirationTimestamp;
10    }
11    mapping(uint256 => InsurancePolicy) public policies;
12    uint256 public policyCount;
13    event PolicyAdded(uint256 policyId, address holder, string policyNumber, uint256
14    premiumAmount, uint256 coverageAmount, uint256 expirationTimestamp);
15    event PolicyUpdated(uint256 policyId, uint256 premiumAmount, uint256 coverageAmount,
16    uint256 expirationTimestamp);
17    modifier onlyHolder(uint256 _policyId) {
18        require(policies[_policyId].holder == msg.sender, "Only the policy holder can perform this
19        action");
20    }
21    }
22    function addPolicy(string memory _policyNumber, uint256 _premiumAmount, uint256
23    _coverageAmount, uint256 _expirationTimestamp) external {
24        policyCount++;
25        policies[policyCount] = InsurancePolicy(msg.sender, _policyNumber, _premiumAmount,
26        _coverageAmount, _expirationTimestamp);
27    }
28    }
29    }
```

0 ☐ listen on all transactions

Search with transaction hash or address

remix

Type the library name to see available commands.

Activate Windows
Go to Settings to activate Windows.

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