

File Edit Selection View Go Run ...

8_Problem_Statement_8_Book_details

EXPLORER

8_PROBLEM_STATEMENT_8_BOO...
Book-details
book-details
BookDetails.sol

JS connector.js BookDetails.sol X

Book-details > BookDetails.sol
1 // SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.0;
3
4 contract BookRegistry {
5 address public owner;
6
7 constructor() {
8 owner = msg.sender;
9 }
10
11 modifier onlyOwner() {
12 require(msg.sender == owner, "Only the owner can perform this action");
13 _;
14 }
15
16 struct Book {
17 string title;
18 string author;
19 address currentOwner;
20 }
21
22 mapping(uint256 => Book) public books;
23 uint256 public bookCount;
24
25 event BookAdded(uint256 indexed bookId, string title, string author, address indexed owner);
26 event OwnershipTransferred(uint256 indexed bookId, address indexed previousOwner, address indexed newOwner);
27
28 function addBook(uint256 registration, string memory _title, string memory _author) external onlyOwner
29
30 books[registration] = Book(_title, _author, owner);
31 bookCount++;
32 emit BookAdded(registration, _title, _author, owner);
33 }

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