

[H-1] Title : Stored Password is not private and it can be accessible to anyone.

Impact: Core functionality of the contract is broken.

► PoC

- myPassword

► PoC

```
function test_Not_owner_can_set_password(address Not_owner) public {
    vm.startPrank(Not_owner);
    string memory expectedPassword = "myNewPassword1";
    passwordStore.setPassword(expectedPassword);
    vm.startPrank(owner);
    string memory actualPassword = passwordStore.getPassword();
    assertEq(actualPassword, expectedPassword);
}
```

Recommended Mitigation: Please add access control rule as indicated below.

```
function setPassword(string memory newPassword) external {
+   if (msg.sender != s_owner) {
+       revert PasswordStore__NotOwner();
        s_password = newPassword;
        emit SetNetPassword();
    }
```