

DAY 4 – PROJECT

The screenshot shows the Etherscan website interface. At the top, there's a navigation bar with 'Home', 'Blockchain', 'Tokens', 'Misc', and 'Ropsten'. Below this, the 'Transaction Details' section is active. A banner for 'OKEX FILUSDOT PERPETUAL SWAP TRADING CONTEST' is visible. The transaction details are as follows:

- Transaction Hash:** 0x25e0d0a9b29a5d83eb3ed3594d96cd79272b29acd87b2aa962c2a7b5d4863ff
- Status:** Success
- Block:** 8378758 (3 Block Confirmations)
- Timestamp:** 1 min ago (Jul-27-2020 01:22:12 PM +UTC)
- From:** 0x5d1199b2400242685545b0b70e9333c8a85ad2
- To:** [Contract 0xd02d0791b54b655189e89402b1041a36461de Created]
- Value:** 0 Ether (\$0.00)
- Transaction Fee:** 0.00140576 Ether (\$0.000000)

At the bottom, it says 'Powered by Ethereum' and 'Activate Windows'.

The screenshot shows the Remix IDE interface. The 'DEPLOY & RUN TRANSACTIONS' panel on the left shows the deployment of the 'StudentReportCard' contract. The main editor displays the Solidity code for the contract. The 'Console' panel at the bottom shows the execution of a transaction.

```
pragma solidity ^0.4.17;

contract StudentReportCard {
    string public Name;
    uint public RollNumber;
    string public Batch;
    uint public English;
    uint public Physics;
    uint public Chemistry;
    uint public Maths;
    string public Status;

    function StudentReportCard(string name , uint rollNumber,string batch,uint english,uint physics,uint chemistry,uint maths,string status)public{
        Name = name;
        RollNumber = rollNumber;
        Batch = batch;
        English = english;
        Physics = physics;
        Chemistry = chemistry;
        Maths = maths;
        Status = status;
    }

    function getDetails() public view returns(string,uint,string,uint,uint,uint,string){
        return(Name,RollNumber,Batch,English,Physics,Chemistry,Maths,Status);
    }
}
```

The console shows the following output:

```
call to StudentReportCard.Status
[call] from:0x6AC405398A38077a79FC9672F7837766096 to:StudentReportCard.Status() data:0x45f...00c9
creation of StudentReportCard pending...
https://ropsten.etherscan.io/tx/0x25e0d0a9b29a5d83eb3ed3594d96cd79272b29acd87b2aa962c2a7b5d4863ff
[block:8378758 txIndex:8] from:0xdcf...85a02 to:StudentReportCard.(constructor) value:0 wei data:0x06...0000 logs:0 hash:0x25e...863ff
```