4.19 **Smart Contract Misconception**

4.20 **Contacting External Service**

**Use-case 1: Contacting External Service**

When calling external service there may come some problems like

* Every node is Calling the service
* Nodes will get different response (like weather api)
* Response on some nodes may be fail

So, their cant become a consensus in this scenario

**Solution**:

Here comes the concept of 3rd part service which will contact with external services and put the information on blockchain so nodes where smart contract is running will gather the information from inside the blockchain which will be deterministic.

**Use-case 2: Enforcing on Chain Payment:**

Its not good to call direct the external services from the smart contract. If a user writes a smart contract to withdraw some money from the bank so every node will execute the smart contract and withdraw the amount, so this is not feasible.

**Solution:**

The bank should have a separate Api which will response to external request and withdraw the money and submit the information into the blockchain where all remaining nodes will collect this information inside the blockchain.