**Course Project Title: Pet Store (Ethereum DApp)**

**Group Details:**

**Group No: TY-12 Div: B Batch: B-3**

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| **Sr.No** | **Name** | **Roll.No** | **Gr.No** |
| 1 | Shubham Kakade | 49 | 11811244 |
| 2 | Siddharth Kakade | 50 | 11811170 |
| 3 | Vedant Katti | 55 | 11810142 |
| 4 | Vinayak Kokane | 58 | 11810499 |
| 5 | Dhanraj Kore | 60 | 11810970 |

**Introduction:**

This Blockchain project is composed of mainly two software framework that are Ganache and Truffle, and a chrome extension that is Metamask, on which the project is based on. The language used in coding in this project is ‘Javascript’.

**Technologies Used:**

* Ganache
* Truffle
* Metamask
* HTML
* CSS

**Input**:

A user simply has to select which pet they wanted and select “**Adopt**” option which acts as an input option.

**Output**:

Selected pet is showcased as a new block in ganache and is confirmed by showing “**Success**”!

As we have used Blockchain for our project, it has its own Advantages and Disadvantages, which are stated below:

**Advantage of using Blockchain:**

* Greater transparency
* Enhanced security
* Increased efficiency and speed
* User is able to select pets from lot of varities.
* Reliable and simple UI

**Disadvantages**:

* Blockchain Cannot Go Back — Data is Immutable
* Scalability

**Future Use:**

It can have a great use in future as a user can select a pet by actually not being physically present at the pet shop and getting their work done from anywhere!

**Conclusion:**

The project is user friendly with a reliable and simple UI which is understandable by users and users have good enough varieties to select their pet from!