

Basic Details of the Team and Problem Statement

Problem Statement Title: **Offer/Discount Finder**

Team Name: **Tech Squad**

Team Leader Name: **Suraj Shailesh Jagtap**

Institute Name: **PIET**

Category Number and Name: **Track 3 – Open Innovation (Web Development)**



Idea/Approach Details

Implementation of a Dynamic Website that searches best deals and offers from different websites in Real Time.

- ❖ **Data Collection and Aggregation:** Utilize web scraping techniques or APIs provided by E-Commerce platforms to gather product information, including prices, discounts, and Deals using Python as a Backend.
- ❖ **Price Comparison Algorithm:** Compare products based on Offers, Price, and calculate the final discount, offering users the best deal available with the help of Machine Learning (ML).
- ❖ **Product status:** 80% Product build completed and further build is on progress



Technology Stack

- **HTML** - Structure of Web Application
- **CSS** – Styling for better UI
- **Java Script** - Connecting Python to HTML
- **Python** – Using as a Backend for Fetching
- **My SQL + Firebase** – Cloud Services
- **Figma** – For User Interface



Idea/Approach Details

Describe your Use Cases here

- **Best Deals:** Providing best offer/ discount from Multiple E-Commerce Websites to attract Users.
- **Time Efficiencies:** Accurate data as a single time on a single click.
- **Retailer/Wholesalers:** It helps them to buy a product in a bulk order, in a best range at a single platform.
- **Daily Deals and Coupons:** User visit this website to discover limited time deals and exclusive Offers.

Describe your Dependencies / Show stopper here

- **DOS(Denial of Service):** If Company server providing API goes down.
- **Low Efforts:** Get the best deals and offers after the filter from every E-Commerce website.
- **Anti Breach System:** Uncompromisable innovation.