ROBO-HACK 1.0 ABSTRACT AND TEAM DETAILS

Name: Samiksha Agrawal, Shaista Rehan, Abdullah Alvi

Team Name: Code_SAS

Theme Name: Covid-19 and Quarantine

College Name: ZHCET, AMU

	NAME	GENDER	EMAIL IDs	MOBILE NO
Team Leader	Samiksha Agrawal	Female	agrawalsamiksha25@gmail.com	**8266930467**
Team Member	Shaista Rehan	Female	shaistarehan37@gmail.com	**7080252698**
Team Member	Abdullah Alvi	Male	alviabdullah93@gmail.com	**9958377185**

Idea Details:
Hunger is the main problem being faced by the majority of people during the current lockdown due to spread of COVID-19.60% of Indians depend on daily wages because of which they generally don't have a pre stock of groceries and also dairy products.Our portal is basically for the non-metro cities where mega grocery agents don't provide service. We will analyze and check day to day conditions and will facilitate the users to get grocery and dairy products at their door steps.It will also help in strong implementation of quarantine as public will get the essentials at their doorsteps and in turn our delivery boy will be a trained person with protective clothing and thus making way for less public on roads which will prove to be a boon in fight against Covid-19.

Technology Stack:
● We will use Python as our programming language and it's framework **Django** for most of the backend.
● Frontend is designed using **HTML, CSS**, **Bootstrap** and **JavaScript**.
● The database used here is **PostgreSQL**.
● For other data fetching we have used various **APIs,** and libraries like **Pillow**.

Approach details

Our approach towards the development of this website is that the people can see the current market trends and the real-time prices of vegetables,spices and other dairy products.The real-time prices will be fetched from the government portals to provide the authenticated and reasonable prices and then fed into a dynamic database from where it will be fetched by our portal.The portal will provide direct communication between the retailer and the client through review section.This trend will also solve the middlemen exploitation who are taking full advantage of the current situation.Payment gateway will be integrated into the portal for the cashless and real-time transactions for the cost of the products so there are no middlemen exploitation and people can get their return on time with transparency and no loss.The UI of the portal will be quite easy and user-friendly so that it won't create any sort of difficulty even to the retailers.The portal will indirectly benefit the country and government and directly make the profit of the people as their main problem of grocery items is solved to some extent and they get it at their door steps walking along with the technology. This will also motivate the common men to remain at home and thus also help in the success of lockdown thus strengthening our combined fight against COVID-19.

A healthy and happy Common man can make a healthy and happy country.

* * * *