Artificial Intelligence Project

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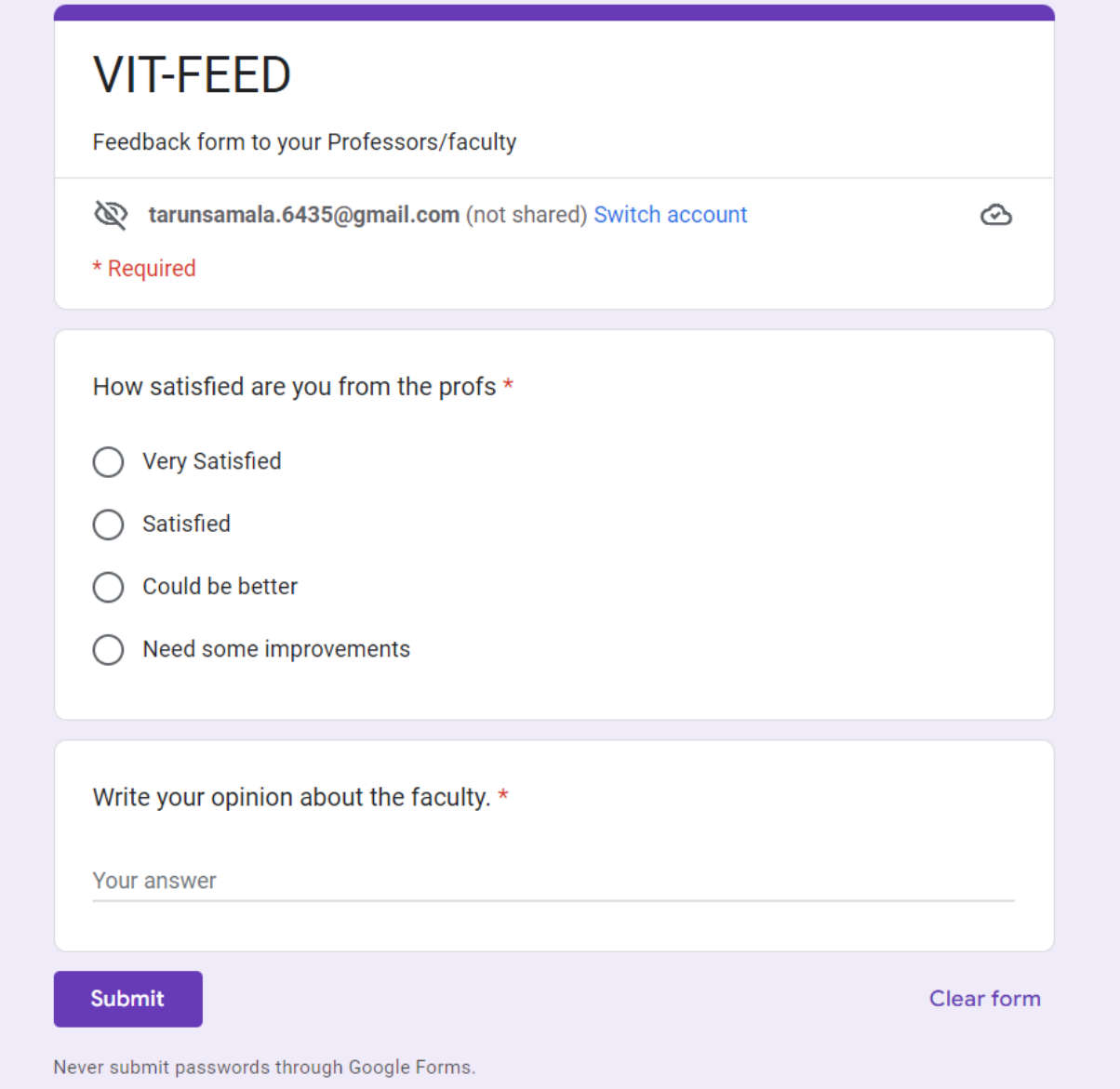
VIT – FEEDBACK FORM

Scan this QR to write Feedback

Observation:-



After filling the form , it will generate some responses.

Create a Spreadsheet to get the responses, like given below:

In the Excel Sheet

Timestamp	How satisfied are you fro	Write your opinion about the faculty.
12/17/2022 20:08:24	Very Satisfied	I just wanted to express my sincere appreciation fo
12/17/2022 23:40:59	Need some improvement	Bad faculty, assignments everday

We can view the responses

Run the code: main.py

```
C:\Users\Tarun Samala>py main.py
```

Backend:

It will do a Sentimental Analysis and generate a summary of the feedback, the score of the Sentimental analysis is between 1 and -1, every response above 0 Score is summarized to a happy response and every response below 0 is summarized to a unhappy response, this will make changes in the excel sheet and adds a new column, named : Responses

A	B	C	D
Timestamp	How satisf	Write your opinion about the faculty.	Responses
12/17/202	Very Satisf	I just wanted to express my sincere appreciation f	happy
12/17/202	Need som	Bad faculty, assignments everday	unhappy

Libraries used:

Pandas

textblob

csv

Main.py

```
import pandas as pd
from textblob import TextBlob
import csv
from csv import writer

let = []


df = pd.read_csv("C:/Users/Tarun Samala/Documents/Tarun/VIT/SEM
3/AI/PROJECT/Sentimental analysis/testy.csv",usecols=["Write your opinion
about the faculty."])




with open("C:/Users/Tarun Samala/Documents/Tarun/VIT/SEM
3/AI/PROJECT/Sentimental analysis/testy.csv") as re:


    reade = csv.reader(re)

    for i in reade:
        let = i[2]

    blob = TextBlob(let)

    sent = blob.sentiment.polarity
    with open("C:/Users/Tarun Samala/Documents/Tarun/VIT/SEM
3/AI/PROJECT/Sentimental analysis/testy.csv","w") as re:
        writ = csv.writer(re)
        if sent > 0:
            writ.writerow(["","","","happy"])

        else:
            writ.writerow(["","","","unhappy"])
```