

INTERNSHIP REPORT

ON

PYTHON COMPITATIVE CODEING

A internship Report is submitted

In accordance with requirement of degree of

BACHELOR OF TECHNOLOGY

IN

Computer science and information technology

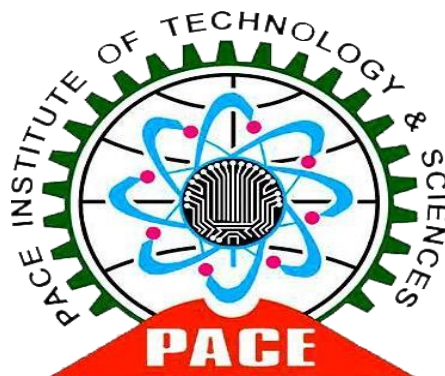
Submitted by

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**DEPARTMENT OF Computer science and information
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PACE INSTITUTE OF TECNOLOGY AND
SCIENCES
(AUTONOMOUS)

(Affiliated to Jawaharlal Nehru Technological University

Kakinada, Kakinada & Accredited by NAAC 'A' GRADE, An ISO

9001-2015 Certified Institution)

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Response Evolution System

Description:-

A resort feedback system is designed to collect and analyze feedback from guests regarding their experiences at the resort. It typically includes a structured approach to gathering information about various aspects of the resort, such as accommodations, amenities, dining options, recreational activities, and overall guest satisfaction.

Requirements:-

Functionality:

1. User Interface:

- **Feedback Form:** Provides a user-friendly interface for guests to submit their feedback. It includes fields for entering the guest's name, email (optional), and their feedback comments.

2. Security:

- **Input Sanitization:** Guards against SQL injection and other security vulnerabilities by sanitizing user input.
- **Authentication (Optional):** Implements user authentication to restrict access to sensitive functionality or data.

3. Error Handling:

- **Error Reporting:** Provides informative error messages to users in case of input validation errors or other issues.
- **Logging:** Logs errors and exceptions for debugging and troubleshooting purposes.

Non Functionality :

Performance:

- **Responsiveness:** The system should respond to user interactions promptly, with minimal latency.

Maintainability:

- **Modularity:** The system should be designed with clear, modular components that can be easily maintained and updated independently.

Usability:

- **User Interface Design:** The feedback form and user interface should be intuitive and easy to use, even for non-technical users.

Approach: This project is about brief explanation and display about feedback. Feedback is having different type of names age details of the person are needed to give feedback

Program:

```
python project 21.py - C:\Users\kunda\AppData\Local\Programs\Python\Python312\python project 21.py (3.12.4)
File Edit Format Run Options Window Help
import pandas as pd
p=[]
def add_feedback(name,family,room_quality,dining_experience, cleanliness,overall_rating):
    feedback={
        'name':name,
        'family':family,
        'room_quality':room_quality,
        'dining_experience':dining_experience,
        'cleanliness':cleanliness,
        'overall_rating':overall_rating
    }
    p.append(feedback)
n=int(input())
for i in range(n):
    name=input("Enter name:")
    family=int(input("Enter the no of persons in a family:"))
    room_quality=int(input("Give rating on scale of 1 to 5 on room_quality:"))
    dining_experience=input("Write a comment on dining_experience:")
    cleanliness=int(input("Enter your rating on cleanliness:"))
    overall_rating=int(input("Enter your overall_rating:"))
    add_feedback(name,family,room_quality,dining_experience,cleanliness,overall_rating)
'''for i in range(n):
    print(s[i])'''
df=pd.DataFrame(p)
print(df)
for i in range(n):
    if p[i]['room_quality'] > 3:
        print(p[i]['name'])
for i in range(n):
    if p[i]['room_quality'] <= 3:
        print(p[i]['name'])
c1=0
for i in range(n):
    if p[i]['cleanliness'] > 3:
        c1+=1
print(c1)
c2=0
for i in range(n):
    if p[i]['cleanliness'] <= 3 :
        c2+=1
c3=0
for i in range(n):
    if p[i]['overall_rating'] == 1:
        c3+=1
c4=0
for i in range(n):
    if p[i]['overall_rating'] == 2:
```

```
python project 21.py - C:\Users\kunda\AppData\Local\Programs\Python\Python312\python project 21.py (3.12.4)
File Edit Format Run Options Window Help
    print(s[i])'''
df=pd.DataFrame(p)
print(df)
for i in range(n):
    if p[i]['room_quality'] > 3:
        print(p[i]['name'])
for i in range(n):
    if p[i]['room_quality'] <= 3:
        print(p[i]['name'])
c1=0
for i in range(n):
    if p[i]['cleanliness'] > 3:
        c1+=1
print(c1)
c2=0
for i in range(n):
    if p[i]['cleanliness'] <= 3 :
        c2+=1
c3=0
for i in range(n):
    if p[i]['overall_rating'] == 1:
        c3+=1
c4=0
for i in range(n):
    if p[i]['overall_rating'] == 2:
        c4+=1
c5=0
for i in range(n):
    if p[i]['overall_rating'] == 3:
        c5+=1
c6=0
for i in range(n):
    if p[i]['overall_rating'] == 4:
        c6+=1
c7=0
for i in range(n):
    if p[i]['overall_rating'] == 5:
        c7+=1
M=input()
for i in range(n):
    if p[i]['name'] == M:
        print(p[i]['name'],p[i]['family'],p[i]['room_quality'],p[i]['dining_experience'],p[i]['cleanliness'],p[i]['overall_rating'])
```

Output:

```
python project 21 output.py - C:\Users\kunda\AppData\Local\Programs\Python\Python312\python project 21 output.py (3.12.4)
File Edit Format Run Options Window Help
Python 3.12.4 (tags/v3.12.4:8e844ba, Jun 6 2024, 19:30:16) [MSC v.1940 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

= RESTART: C:\Users\kunda\AppData\Local\Programs\Python\Python312\python project 21.py
20
Enter name:surekha
Enter the no of persons in a family:4
Give rating on scale of 1 to 5 on room_quality:4
write a comment on dining_experience:4
Enter your rating on cleanliness:3
Enter your overall_rating:4
Enter name:varsha
Enter the no of persons in a family:4
Give rating on scale of 1 to 5 on room_quality:4
write a comment on dining_experience:good
Enter your rating on cleanliness:3
Enter your overall_rating:4
Enter name:susai
Enter the no of persons in a family:4
Give rating on scale of 1 to 5 on room_quality:3
write a comment on dining_experience:good
Enter your rating on cleanliness:4
Enter your overall_rating:4
Enter name:wyslu
Enter the no of persons in a family:5
Give rating on scale of 1 to 5 on room_quality:3
write a comment on dining_experience:very good
Enter your rating on cleanliness:3
Enter your overall_rating:3
Enter name:hema
Enter the no of persons in a family:5
Give rating on scale of 1 to 5 on room_quality:4
write a comment on dining_experience:nice
Enter your rating on cleanliness:4
Enter your overall_rating:3
Enter name:akhila
Enter the no of persons in a family:5
Give rating on scale of 1 to 5 on room_quality:1
write a comment on dining_experience:2
Enter your rating on cleanliness:2
Enter your overall_rating:5
Enter name:raga
Enter the no of persons in a family:5
Give rating on scale of 1 to 5 on room_quality:4
write a comment on dining_experience:nice
Enter your rating on cleanliness:3
Enter your overall_rating:4

Ln 1 Col 0

python project 21 output.py - C:\Users\kunda\AppData\Local\Programs\Python\Python312\python project 21 output.py (3.12.4)
File Edit Format Run Options Window Help
Enter the no of persons in a family:4
Give rating on scale of 1 to 5 on room_quality:3
write a comment on dining_experience:bad
Enter your rating on cleanliness:4
Enter your overall_rating:3
Enter name:harshith
Enter the no of persons in a family:5
Give rating on scale of 1 to 5 on room_quality:4
write a comment on dining_experience:good
Enter your rating on cleanliness:5
Enter your overall_rating:4
Enter name:raju
Enter the no of persons in a family:5
Give rating on scale of 1 to 5 on room_quality:4
write a comment on dining_experience:not bad
Enter your rating on cleanliness:5
Enter your overall_rating:5
Enter name:kumar
Enter the no of persons in a family:4
Give rating on scale of 1 to 5 on room_quality:3
write a comment on dining_experience:nice
Enter your rating on cleanliness:4
Enter your overall_rating:3
Enter name:vamsi
Enter the no of persons in a family:6
Give rating on scale of 1 to 5 on room_quality:5
write a comment on dining_experience:good
Enter your rating on cleanliness:4
Enter your overall_rating:5
Enter name:teja
Enter the no of persons in a family:3
Give rating on scale of 1 to 5 on room_quality:5
write a comment on dining_experience:5
Enter your rating on cleanliness:4
Enter your overall_rating:5
Enter name:ram
Enter the no of persons in a family:5
Give rating on scale of 1 to 5 on room_quality:4
write a comment on dining_experience:good
Enter your rating on cleanliness:3
Enter your overall_rating:4
Enter name:priya
Enter the no of persons in a family:5
Give rating on scale of 1 to 5 on room_quality:5
write a comment on dining_experience:good
Enter your rating on cleanliness:5
Enter your overall_rating:4

Ln 1 Col 0
```

```
python project 21 output.py - C:\Users\kunda\AppData\Local\Programs\Python\Python312\python project 21 output.py (3.12.4)
File Edit Format Run Options Window Help
Enter your rating on cleanliness:2
Enter your overall_rating:3
      name  family  ...  cleanliness  overall_rating
0  surekha      4  ...           3           4
1  varsha      4  ...           3           4
2  susmi      4  ...           4           4
3  vyshu      5  ...           3           3
4  hema       5  ...           4           3
5  akhila      5  ...           2           5
6  raga        5  ...           3           4
7  teju        4  ...           5           4
8  renu        5  ...           5           4
9  loki        4  ...           4           3
10 harshith    5  ...           5           4
11 rajju       5  ...           5           5
12 kumar       4  ...           4           3
13 vamsi      6  ...           4           5
14 teja        3  ...           4           5
15 ram         5  ...           3           4
16 priya       5  ...           5           4
17 kumar       6  ...           6           4
18 sukumar     6  ...           1           2
19 krishna     4  ...           2           3

[20 rows x 6 columns]
surekha
varsha
hema
raga
teju
renu
harshith
rajju
vamsi
teja
ram
priya
sukumar
susmi
vyshu
akhila
loki
kumar
kumar
krishna
12
```

Conclusion:

In summary, the resort feedback system program provides a user-friendly platform for guests to submit their feedback and for resort staff to review and act upon it. With its robust functionality, efficient database management, and attention to non-functional requirements, the program enables resorts to gather valuable insights, improve guest satisfaction, and maintain high standards of service. Ongoing maintenance and support ensure its continued effectiveness in enhancing guest experiences and driving operational excellence in the resort industry.