DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Seminar Report on

"FAN ENGAGEMENT PORTAL"

For the course: Python

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INTRODUCTION:

A fan engagement portal is a dedicated platform designed to connect fans with their favorite teams, artists, or brands. It serves as a hub for interactive content, exclusive updates, merchandise, and community forums. By fostering two-way communication, these portals enhance fan experiences through personalized interactions, loyalty programs, and access to behind-the-scenes content. The goal is to deepen the relationship between fans and their passions, driving engagement and loyalty.

PROBLEM STATEMENT:

Struggles to maintain consistent and meaningful engagement with their fans.
Fan interaction such as social media and live events lack personalization.
Needs more interaction with fans personally.
Time consuming if done manually

OBJECTIVES:

Enhance Fan Experience: Provide fans with a personalized and interactive experience that deepens their connection with the team, artist, or brand .

Increase Engagement: Offer exclusive content, live interactions, and community features tokeep fans actively involved and engaged .

Build a Community: Create a space where fans can connect, share, and interact with each other,fostering a sense of belonging and loyalty .

Provide Exclusive Access: Offer behind-the-scenes content, early access to tickets, or special events to reward fans and encourage participation.

Enhance Brand Loyalty: Strengthen the relationship between fans and the brand by offering unique and engaging experiences that resonate emotionally

CODE:

```python
class Fan:
    """Represents a Fan with name, email, and comment."""

    def _init_(self, name, email, comment):
        self.name = name
        self.email = email
        self.comment = comment

    def _str_(self):
        return f"{self.name}, {self.email}, {self.comment}"


class FanEngagementPortal:
    """Manages CRUD operations for fans."""

    def _init_(self):
        self.fans = []

    def add_fan(self):
        """Adds a new fan."""
        name = input("Enter fan name: ")
        email = input("Enter fan email: ")
        comment = input("Enter fan comment: ")
        self.fans.append(Fan(name, email, comment))
        print("Fan added successfully!")

    def list_fans(self):
        """Displays all fans."""
        if not self.fans:
            print("No fans to display.")
        else:
            for i, fan in enumerate(self.fans, start=1):
                print(f"{i}. {fan}")

    def update_fan(self):
        """Updates a fan's details."""
        self.list_fans()
        index = int(input("Enter fan number to update: ")) - 1
        if 0 <= index < len(self.fans):
            self.fans[index].name = input("Enter new name: ")
            self.fans[index].email = input("Enter new email: ")
```

```python
                self.fans[index].comment = input("Enter new comment: ")
                print("Fan updated successfully!")
            else:
                print("Invalid index. Try again.")

    def delete_fan(self):
        """Deletes a fan."""
        self.list_fans()
        index = int(input("Enter fan number to delete: ")) - 1
        if 0 <= index < len(self.fans):
            self.fans.pop(index)
            print("Fan deleted successfully!")
        else:
            print("Invalid index. Try again.")

    def run(self):
        """Runs the portal with a simple menu."""
        while True:
            print("\n1. Add Fan\n2. List Fans\n3. Update Fan\n4. Delete Fan\n5. Exit")
            choice = input("Enter choice (1-5): ")
            if choice == '1':
                self.add_fan()
            elif choice == '2':
                self.list_fans()
            elif choice == '3':
                self.update_fan()
            elif choice == '4':
                self.delete_fan()
            elif choice == '5':
                print("Exiting the portal. Goodbye!")
                break
            else:
                print("Invalid choice. Try again.")

portal = FanEngagementPortal()
portal.run()
```

```
1. Add Fan
2. List Fans
3. Update Fan
4. Delete Fan
5. Exit
Enter choice (1-5): 1
Enter fan name: ruhi bajaj
Enter fan email: ruhi@gmail.com
Enter fan comment: you are awesome!
Fan added successfully!
```

```
Enter choice (1-5): 2
1. ruhi bajaj, ruhi@gmail.com, you are awesome!

1. Add Fan
2. List Fans
3. Update Fan
4. Delete Fan
5. Exit
Enter choice (1-5): 3
1. ruhi bajaj, ruhi@gmail.com, you are awesome!
Enter fan number to update: 1
Enter new name: karan
Enter new email: karan@gmail.com
Enter new comment: you are a great actor!
```

```
5. Exit
Enter choice (1-5): 4
1. karan , karan@gmail.com, you are a great actor!
Enter fan number to delete: 1
Fan deleted successfully!

1. Add Fan
2. List Fans
3. Update Fan
4. Delete Fan
5. Exit
Enter choice (1-5): 5
Exiting the portal. Goodbye!
PS C:\Users\User\python internship> █
```

```
Fan updated successfully!

1. Add Fan
2. List Fans
3. Update Fan
4. Delete Fan
5. Exit
Enter choice (1-5): 4
1. karan , karan@gmail.com, you are a great actor!
Enter fan number to delete: 1
Fan deleted successfully!

1. Add Fan
2. List Fans
```

CONCLUSION:

conclusion, a fan engagement portal is a vital tool for building strong connections between fans and their favorite teams or brands. By providing a centralized space for interaction, exclusive content, and community involvement, these portals enhance the overall fan experience. Ultimately, they foster loyalty, drive engagement, and create a thriving ecosystem where fans feel valued and invested in their passions. As technology continues to evolve, such platforms will play an increasingly important role in shaping the future of fan engagement.

FUTURE ENHANCEMENT:

Live chat and Q&A with their favourite actor, sports person or players.
Enhanced social features and gamification.
Real time engagement tools.