# COMPANYPROFILE

## CompanyName:EZTrainingsandTechnologiesPvt.Ltd.

### Introduction:

EZ Trainings and Technologies Pvt. Ltd. is a dynamic and innovative organization dedicated toproviding comprehensive training solutions and expert development services. Established with avision to bridge the gap between academic learning and industry requirements, we specialize incollegetrainingsforstudents,focusingonpreparingthemforsuccessfulplacements.Additionally,we excel in undertaking development projects, leveraging cutting-edge technologies to bring ideas tolife.

### Mission:

Our mission is to empower the next generation of professionals by imparting relevant skills andknowledge through specialized training programs. We strive to be a catalyst in the career growth ofstudents and contribute to the technological advancement of businesses through our developmentprojects.

### Services:

**CollegeTrainings:**

* Tailoredtrainingprogramsdesignedtoenhancetheemployabilityofstudents.
* Industry-alignedcurriculumcoveringtechnicalandsoftskills.
* Placementassistanceandcareerguidance.

### DevelopmentProjects:

* End-to-enddevelopmentservices,fromideationtoexecution.
* Expertiseindiversetechnologiesandframeworks.
* Customsolutionstomeetspecificbusinessneeds.

**Locations:**Hyderabad|DelhiNCR

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## ABSTRACT

The Event Planner System with Celebrity Management is a Python-based application designed to facilitate event planning and celebrity management. The system comprises two main components: the Event Planner and the Celebrity Manager.

The Event Planner module provides functionalities for managing events including adding, viewing, updating, and deleting events. It utilizes an abstract class EventPlanner as a blueprint for event management operations. Concrete implementation of this abstract class is provided by the EventPlannerImpl class. The Event Planner allows users to add events with names, dates, and associated celebrities. It also supports viewing upcoming events and modifying existing events.

The Celebrity Manager module manages a list of celebrities, allowing users to add, update, view, and delete celebrity entries. It maintains a list of celebrities and provides methods for manipulating this list. Celebrity names are stored in a list within the CelebrityManager class.

The Event Planner System integrates both the Event Planner and Celebrity Manager modules, providing a unified interface for users. Users interact with the system through a command-line interface, selecting options such as adding events, managing celebrities, and viewing event details.

Overall, the Event Planner System with Celebrity Management offers a versatile solution for organizing events, enabling users to efficiently manage both event details and associated celebrities.

## INTRODUCTION OF THE PROJECT

Here's an introduction to the premiere event planner :

1. **PURPOSE:** The premiere event planner is a Python program designed to facilitate the management of events and celebrities for various occasions.

2. **FEATURES:**

Event Management: Allows users to add, view, update, and delete events.

Celebrity Management: Provides functionality to add, view, update, and delete celebrities who might attend events.

User-Friendly Interface: Offers a simple and intuitive interface for users to interact with the program.

Flexibility: Allows for the addition of new events and celebrities, as well as updates to existing ones, providing flexibility to adapt to changing requirements.

3**. C0MPONENTS:**

EventPlannerImpl Class: The main class responsible for handling user interactions and managing events.

EventPlanner Abstract Base Class (ABC): Defines the common interface for event management operations, such as adding, viewing, updating, and deleting events.

CelebrityManager Class: Manages the list of celebrities, providing functions to add, view, update, and delete celebrities.

4**. USAGE:**

Users can instantiate the EventPlannerImpl class to start using the event planner.

They are presented with options to perform various actions such as adding events, viewing events, managing celebrities, and exiting the program.

Users can input their choice and the program executes the corresponding action.

The program continues to run until the user chooses to exit.

5. **BENEFITS:**

Efficiency: Streamlines the process of event planning and management, saving time and effort.

Organization: Helps users keep track of upcoming events and the celebrities attending them.

Customization: Allows for customization according to specific event requirements and preferences.

Scalability: Can handle a growing list of events and celebrities without sacrificing performance or usability.

Overall, the premiere event planner in Python provides a convenient and effective solution for organizing and managing events, making it a valuable tool for event planners and organizers.

## MODULE DESCRIPTION

1. **Module Purpose:** This module provides classes and functionalities for managing events and celebrities within an event planning system.

2**. Classes Included:**

- EventPlanner: An abstract base class defining methods for adding, viewing, updating, and deleting events.

- CelebrityManager: Manages a list of celebrities, allowing addition, deletion, and updating of celebrity names.

- EventPlannerImpl: Implements the EventPlanner interface, providing concrete implementations for event management operations. It also utilizes CelebrityManager for celebrity-related operations.

3. **Functionality:**

- \*Event Management\*: Users can add, view, update, and delete events.

- \*Celebrity Management\*: Users can add, view, update, and delete celebrities.

- \*User Interaction\*: The module provides a command-line interface for users to interact with the event planning functionalities.

**4. Usage Example:**

- Demonstrates how to create an instance of EventPlannerImpl, display options to the user, and handle user choices for event and celebrity management.

5. **Input Validation:**

- The module includes input validation to ensure data integrity, such as validating event dates and user choices for selecting celebrities.

6**. Dependencies:**

- The module relies only on standard Python libraries (sys) and does not have external dependencies.

7**. Extendibility:**

- The module's design allows for easy extension with additional functionalities, such as adding more features to event or celebrity management.

By including these points, users can understand the purpose, functionalities, and usage of the module effectively.

## ALGORITHM

**STEP1**. The EventPlanner class is an abstract base class that defines the required methods for the event planner functionality: add\_event, view\_events, update\_event, and delete\_event.

**STEP2**. The CelebrityManager class handles the management of celebrities, including adding, updating, deleting, and viewing the list of celebrities.

**STEP3**. The EventPlannerImpl class is a concrete implementation of the EventPlanner abstract base class. It inherits from EventPlanner and implements the required methods.

**STEP4**. The EventPlannerImpl class also contains a CelebrityManager instance to manage celebrities.

**STEP5**. The welcome\_message method prints a welcome message to the user.

**STEP6**. The show\_options method displays the available options to the user.

**STEP7**. The handle\_user\_choice method takes the user's choice and executes the corresponding action based on the input.

**STEP8.** The add\_event method prompts the user for event details (name, date, and number of celebrities), displays the list of available celebrities, and allows the user to select the desired celebrities for the event.

**STEP9**. The view\_events method displays the list of upcoming events along with their details (date and guest celebrities).

**STEP10**. The update\_event method prompts the user for the name of the event to update, and if found, calls the add\_event method to update the event details.

**STEP11**. The delete\_event method prompts the user for the name of the event to delete, and if found, removes the event from the events dictionary.

**STEP12**. The CelebrityManager class methods (add\_celebrity, update\_celebrity, delete\_celebrity, and view\_celebrities) handle the CRUD operations for the list of celebrities.

**STEP13.** The program enters a loop where it continuously displays the options and executes the corresponding actions based on the user's choice until the user chooses to exit (option 9).

**CHAPTER-6**

**OUTPUT:**

Welcome to the Event Planner!

OUTPUT:1

Options:

1. Add Event

2. View Events

3. Update Event

4. Delete Event

5. Add Celebrity

6. Update Celebrity

7. View Celebrities

8. Delete Celebrity

9.Exit

Enter your choice: 1

Enter the event name: award show

Enter the event date (MM/DD/YYYY): 12 11 2024

Enter the number of celebrities: 2

Choose celebrities from the list:

Celebrity List:

1. feroze khan

2. wahaj ali

3. hania amir

4. salman khan

5. sharukh khan

6. yash

7. punithraj kumar

8. prabhas

9. darshan

10. sudeep

Choose celebrity 1 (1-10): 9

Choose celebrity 2 (1-10): 10

Event 'award show' added successfully.

OUTPUT:1A

Options:

1. Add Event

2. View Events

3. Update Event

4. Delete Event

5. Add Celebrity

6. Update Celebrity

7. View Celebrities

8. Delete Celebrity

9.Exit

Enter your choice: 2

Upcoming Events:

Event: award show

Date: 12 11 2024

Celebrities:

darshan

sudeep

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OUTPUT:1B

Options:

1. Add Event

2. View Events

3. Update Event

4. Delete Event

5. Add Celebrity

6. Update Celebrity

7. View Celebrities

8. Delete Celebrity

9.Exit

Enter your choice: 3

Enter the name of the event you want to update: holi

Event 'holi' does not exist.

OUTPUT:1C

Options:

1. Add Event

2. View Events

3. Update Event

4. Delete Event

5. Add Celebrity

6. Update Celebrity

7. View Celebrities

8. Delete Celebrity

9.Exit

Enter your choice: 3

Enter the name of the event you want to update: award show

Updating event 'award show':

Enter the event name: holi

Enter the event date (MM/DD/YYYY): 11 03 2004

Enter the number of celebrities: 4

Choose celebrities from the list:

Celebrity List:

1. feroze khan

2. wahaj ali

3. hania amir

4. salman khan

5. sharukh khan

6. yash

7. punithraj kumar

8. prabhas

9. darshan

10. sudeep

Choose celebrity 1 (1-10): 1

Choose celebrity 2 (1-10): 2

Choose celebrity 3 (1-10): 4

Choose celebrity 4 (1-10): 3

Event 'holi' added successfully.

Event 'award show' updated successfully.

OUTPUT:1D

Options:

1. Add Event

2. View Events

3. Update Event

4. Delete Event

5. Add Celebrity

6. Update Celebrity

7. View Celebrities

8. Delete Celebrity

9.Exit

Enter your choice: 4

Enter the name of the event you want to delete: holi

Event 'holi' deleted successfully.

OUTPUT:1E

Options:

1. Add Event

2. View Events

3. Update Event

4. Delete Event

5. Add Celebrity

6. Update Celebrity

7. View Celebrities

8. Delete Celebrity

9.Exit

Enter your choice: 2

No events found.

OUTPUT:2

Options:

1. Add Event

2. View Events

3. Update Event

4. Delete Event

5. Add Celebrity

6. Update Celebrity

7. View Celebrities

8. Delete Celebrity

9.Exit

Enter your choice: 5

Enter the name of the celebrity you want to add: vikas

Celebrity 'vikas' added successfully.

OUTPUT:2A

Options:

1. Add Event

2. View Events

3. Update Event

4. Delete Event

5. Add Celebrity

6. Update Celebrity

7. View Celebrities

8. Delete Celebrity

9.Exit

Enter your choice: 7

Celebrity List:

1. feroze khan

2. wahaj ali

3. hania amir

4. salman khan

5. sharukh khan

6. yash

7. punithraj kumar

8. prabhas

9. darshan

10. sudeep

11. vikas

OUTPUT:2B

Options:

1. Add Event

2. View Events

3. Update Event

4. Delete Event

5. Add Celebrity

6. Update Celebrity

7. View Celebrities

8. Delete Celebrity

9.Exit

Enter your choice: 6

Enter the name of the celebrity you want to update: sudeep

Enter the new name: tasleem

Celebrity 'sudeep' updated to 'tasleem' successfully.

OUTPUT:2C

Options:

1. Add Event

2. View Events

3. Update Event

4. Delete Event

5. Add Celebrity

6. Update Celebrity

7. View Celebrities

8. Delete Celebrity

9.Exit

Enter your choice: 7

Celebrity List:

1. feroze khan

2. wahaj ali

3. hania amir

4. salman khan

5. sharukh khan

6. yash

7. punithraj kumar

8. prabhas

9. darshan

10. tasleem

11. vikas

OUTPUT:2D

Options:

1. Add Event

2. View Events

3. Update Event

4. Delete Event

5. Add Celebrity

6. Update Celebrity

7. View Celebrities

8. Delete Celebrity

9.Exit

Enter your choice: 8

Enter the name of the celebrity you want to delete: vikas

Celebrity 'vikas' deleted successfully.

OUTPUT:2E

Options:

1. Add Event

2. View Events

3. Update Event

4. Delete Event

5. Add Celebrity

6. Update Celebrity

7. View Celebrities

8. Delete Celebrity

9.Exit

Enter your choice: 7

Celebrity List:

1. feroze khan

2. wahaj ali

3. hania amir

4. salman khan

5. sharukh khan

6. yash

7. punithraj kumar

8. prabhas

9. darshan

10. tasleem

OUTPUT:2F

Options:

1. Add Event

2. View Events

3. Update Event

4. Delete Event

5. Add Celebrity

6. Update Celebrity

7. View Celebrities

8. Delete Celebrity

9.Exit

Enter your choice: 9

Exiting...

This Python code defines classes for an event planner system, allowing users to manage events and celebrities. It includes functionality to add, view, update, and delete events, as well as celebrities. The EventPlanner class is abstract, defining methods that must be implemented by subclasses. The CelebrityManager class manages the list of celebrities, allowing addition, update, deletion, and viewing. The EventPlannerImpl class implements the EventPlanner interface and provides methods to interact with the user, such as displaying options and handling user choices. The code includes a main loop to continuously prompt the user for actions until they choose to exit. Overall, it's a basic framework for an event planning application in Python.

#### <https://chat.openai.com/>

#### <https://www.blackbox.ai/>

#### https://claude.ai/