# COMPANY PROFILE

## Company Name : EZ Trainings and Technologies Pvt. Ltd.

### Introduction:

EZ Trainings and Technologies Pvt. Ltd. is a dynamic and innovative organization dedicated to providing comprehensive training solutions and expert development services. Established with a vision to bridge the gap between academic learning and industry requirements, we specialize in college trainings for students, focusing on preparing them for successful placements. Additionally, we excel in undertaking development projects, leveraging cutting-edge technologies to bring ideas to life.

### Mission:

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

### Services:

**College Trainings:**

* Tailored training programs designed to enhance the employability of students.
* Industry-aligned curriculum covering technical and soft skills.
* Placement assistance and career guidance.

### Development Projects:

* End-to-end development services, from ideation to execution.
* Expertise in diverse technologies and frameworks.
* Custom solutions to meet specific business needs.

**Locations:** Hyderabad | Delhi NCR

At EZ Trainings and Technologies Pvt. Ltd., we believe in transforming potential into excellence

## ABSTRACT

## The Doping Test Management System is designed to streamline the scheduling and recording process of doping tests for athletes.

## This system ensures efficiency and accuracy in managing the testing procedures, from initial scheduling to result recording.

## It provides a centralized platform for organizing test details, athlete information, and test results, enhancing transparency and compliance with anti-doping regulations.

## The system aims to optimize the workflow of doping testing, contributing to fair play and integrity in sports.

## The system employs a user-friendly interface for administrators to input test details, assign tests to athletes, and track the status of each test.

## Athletes are notified of their testing schedule and provided with necessary instructions through the system. Test results are securely recorded and can be accessed by authorized personnel for review and analysis.

## By automating and centralizing the doping testing process, this system aims to uphold the integrity of sports and protect the health and fairness of athletes worldwide.

## Additionally, the Doping Test Management System incorporates robust security measures to safeguard sensitive athlete data and test results. It employs encryption protocols and access controls to ensure that only authorized personnel can access and modify information within the system.

## INTRODUCTION OF THE PROJECT

## Doping control management is a critical aspect of ensuring fairness and integrity in sports.

## It encompasses a range of policies, procedures, and technologies aimed at preventing and detecting the use of prohibited substances or methods by athletes.

## The primary goal of doping control management is to uphold the principles of fair play, protect the health and rights of athletes, and maintain the credibility of sports competitions.

## The term doping is widely used by organizations that regulate sporting competitions.

## The use of drugs to enhance performance is considered unethical, and is prohibited by most international sports organizations, including the International Olympic Committee.

## The reasons for the ban are mainly the health risks of performance-enhancing drugs, the equality of opportunity for athletes, and the exemplary effect of drug-free sport for the public.

## Doping can have various effects on an athlete's performance. By using banned substances or methods, athletes may experience increased strength, endurance, and speed, giving them an unfair advantage over their competitors. It can help them recover faster from injuries and train harder, leading to improved performance. However, doping also comes with risks and side effects, which can harm an athlete's health in the long run.

## Additionally, it undermines the fairness and integrity of sports, as it creates an uneven playing field for clean athletes.

## So, overall, doping may provide short-term benefits, but it ultimately has negative consequences for both the athlete and the sport as a whole.

## MODULE DESCRIPTION

This code defines a class DopingControlFileManager Skill Tracker to manage and track athlete test results. Here's a breakdown of the module:

* test\_create\_record: This method tests the create\_record method of DopingControlManager.It creates a new test record and checks if it has been added to the records dictionary.
* test\_read\_record: This method tests the read\_record method of DopingControlManager. It retrieves a test record and checks if its attributes match the expected values.
* test\_update\_record: This method tests the update\_record method of DopingControlManager. It updates a test record and checks if its attributes have been updated correctly.
* test\_managing\_test\_results: This method tests the managing\_test\_results method of DopingControlManager. It updates the result of a test record and checks if it has been updated correctly.
* test\_delete\_record: This method tests the delete\_record method of DopingControlManager. It deletes a test record and checks if it has been removed from the records dictionary

The aim of DopingControlManagement is to prevent the use of agents and methods that are harmful to health or improve performance,secure athlete’s right to fair and clean competition,defend fairness and trustworthiness of sports in the future and. Honour the ethical rules of sports and medicines.

## ALGORITHM

* Initialize the DopingControlFileManager object with the filename "doping\_records.json".
* Start a while loop that will continue until the user chooses to exit.
* In each iteration of the loop, print a menu with the following options:

1. Create Record
2. Read Records
3. Update Records
4. Managing test results
5. Delete Records
6. Exit

* Prompt the user to enter their choice.
* If the user chooses to create a record, call the create\_record method of the DopingControlFileManager object.
* If the user chooses to read a record, call the read\_records method of the DopingControlFileManager object.
* If the user chooses to update a record, call the update\_records method of the DopingControlFileManager object.
* If the user chooses to manage test results, call the managing\_test\_results method of the DopingControlFileManager object.
* If the user chooses to delete a record, call the delete\_records method of the DopingControlFileManager object.
* If the user chooses to exit, break the while loop.
* When the while loop ends,the program will exit.

## OUTPUTS:

### Output:1

### 

### 

### 

### FILE OUTPUT:

### 

### Output:2

### Unittest code output:

### 

## CONCLUSION:

## The fight against doping continues, but anti-doping agencies will always be one step behind manufacturers of new undetectable substances with pharmacological properties similar to those already available on the market.

* In conclusion, effective doping control management requires ongoing collaboration between sports organizations, anti-doping agencies, scientists, and policymakers.
* It also necessitates a holistic approach that includes prevention, detection, and sanctions while upholding the principles of fairness, health, and respect for athletes' rights.
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**REFERNCES**

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