# 🎉 PICT Event Management System (HCI Project)

## Overview

The PICT Event Management System is a Tkinter-based desktop application developed under the Human-Computer Interaction (HCI) course. This project focuses on creating an intuitive, user-friendly interface for managing college-level events at Pune Institute of Computer Technology (PICT). It demonstrates the importance of UI design principles and user-centered interaction without any backend database.

## Features

* Simple and intuitive graphical user interface (GUI)
* Event creation and viewing screens (frontend simulation)
* Separate Admin and Student views
* Aesthetic layout designed using Tkinter widgets
* Smooth navigation between windows
* Built with usability, clarity, and accessibility in mind

## Technology Stack

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| --- | --- |
| Component | Technology Used |
| GUI Framework | Tkinter (Python) |
| Programming Language | Python |
| Design Approach | Human-Computer Interaction (HCI) |
| IDE Used | VS Code / PyCharm |

## Installation and Setup

Follow the steps below to run this project on your local system:

Step 1: Clone the repository

* git clone https://github.com/MeSayali/PICT-Event-Management-Tkinter.git

Step 2: Navigate to the project directory

* cd PICT-Event-Management-Tkinter

Step 3: Run the application

* python main.py

## HCI Design Focus

* Consistency in layout and design
* Clear visual hierarchy
* Minimal cognitive load for users
* Error prevention and user feedback
* Aesthetic balance and simplicity

## Developed At

Pune Institute of Computer Technology (PICT)  
Department of Computer Engineering  
Course: Human-Computer Interaction (HCI)

## Future Enhancements

* Add backend (SQLite / MySQL) for storing event data
* Integrate login authentication
* Include event reminders and notifications
* Dark mode UI option