



**MANIPAL INSTITUTE OF TECHNOLOGY**  
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## **Database Systems (CSE 2241)**

### **Mini Project Synopsis**

## **IDEA : Online Art Gallery**

### **SUBMITTED BY**

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# Synopsis

**Introduction :** This project uses the Python-MySQL Interface to maintain the records of an Art Gallery. The aim of the project is to provide different functions to the user, depending on whether they are an owner or a visitor.

Our project first requests the user to identify whether they are an owner or a visitor. If they are an owner a login window pops up and they would have to enter their login details.

We have 3 tables: PAINTINGS, BUYERS, INFO

An owner manages the records of paintings and buyers. They can :-

- To display all records of paintings and buyers.
- Search records based on painting names.
- Search records based on artist name.
- Add a new record.
- Delete a record.
- Update a record.
- Find the profit of a painting.

A visitor can access information about the paintings but cannot edit anything. They can :-

- Display the records.
- Search records based on painting names.
- Search records based on artist name.
- Bid on a painting.