



REVA Hack </>2020

Project title:ART Gallery

School of Computing and Information
Technology

Teammates:

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INTRODUCTION

OBJECTIVE

The “ART GALLERY MANAGEMENT” has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and in some cases reduce the hardships faced by the existing system. Moreover this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

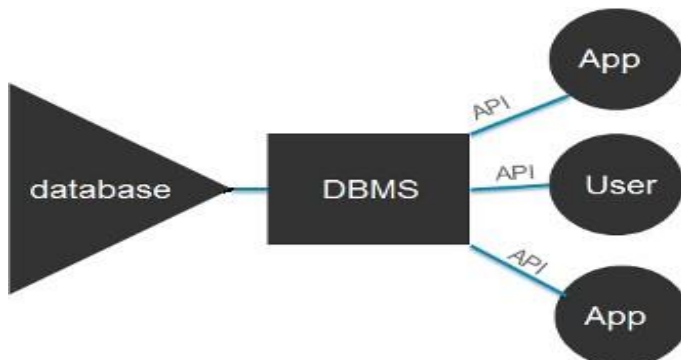
The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus by this all it proves it is user-friendly. As described above, this can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources.

Every organization, whether big or small, has challenges to overcome and managing the information of Orders, Arts, Customer, and Art Gallery. Every Art Gallery has different arts needs; therefore we design exclusive employee management systems that are adapted to your managerial requirements. This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of information and details for your future goals. Also, for those busy executive who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all times. These systems will ultimately allow you to better manage resources.

DBMS

A database management system (DBMS) is system software for creating and managing database. The DBMS provides users and programmers with a systematic way to create, retrieve, update and manage data. A DBMS makes it possible for end users to create, read, update and delete data in a database. The DBMS essentially serves as an interface between the database and end users or application programs, ensuring that data is consistently organized and remains easily accessible. A DBMS provides concurrency, security, data integrity, consistency, controls redundancy and data independence. In this project the Relational DBMS (RDBMS) used is MySQL. It is an open source software which uses SQL (Structured Query Language) which is a standard language for storing, manipulating and retrieving data in databases.

Components of a DBMS



Components of a DBMS

- Users: Users may be of any kind, such as database administrators, system developers or database users.
- Database application: Database application may be Departmental, Personal, Organizational and /or Internal.
- DBMS: Software that allows users to create and manipulate database access.
- Database: Collection of logical data as a single unit.

APPLICATIONS:

- Provides the searching facilities based on various factors. Such as artist, art type, artwork, customers and many more.
- Shows the complete information and description of the arts, order update .
- To increase efficiency of managing the Arts, Order.
- Manage the information of Artists.
- Adding and removing of records is improved which results in proper resource management of arts data.
- Manage the information of customers.
- Integration of all records in stock.
- It tracks all the information of Orders, Art Gallery, Customer etc