KARIM CITY COLLEGE JAMSHEDPUR

(Under Kolhan University)

SYNOPSIS ON:

AUDITORIUM MANAGEMENT SYSTEM

SUBMITTED BY

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INTRODUCTION OF THE PROJECT

This system is an auditorium management software projects. It includes all the features and functions needed to efficiently manage an auditorium. It includes an administrator account which is used to handle/control all the system functionality. The system keeps track of auditorium status and advance bookings. The system keeps records of auditorium bookings along with associated event details and customer contacts in a well maintained database. The administrator can easily check the auditorium bookings and timings in the system guide. The system also allows notifies when new event timing draws near.

The system should able to handle any sort of query, get information for it and should be able to store all the related data into the database. The user will be totally abstracted from the complexity and backend working of the screen .As they don't need to know how and why a particular work is being carried out.

Each user would be able to get information from the system according to their requirements and at any time. It should tell about the status of the entire Auditorium. Through this computerized system all the activities of the proceedings can be managed efficiently by the user and in quickest possible time.

FEATURES OF THE SYSTEM

- **Admin login and admin dashboard:** It has admin login who is has the authority of the system and he is responsible for approving and disapproving the users request for auditorium booking. Admin can add and delete notifications and updates in the system.

- **User Registration:** There is user registration form available where new users can create their account by providing required information to the system.

- **Booking System:** User can request for the booking for a particular date. Subsequently the system will generate the total cost incurred for the expected days.
- **Approving/Disapproving Request:** The booking requests are directly sent to admin account by the system. Admin can view all the requests along with respective user details and therefore make decisions for approving or disapproving the requests.

- **Email Notification:** The system will inform the respective customers through an email about their status of booking request whether approved or disapproved. Also it mails user their respective receipts.

OBJECTIVE OF THE PROJECT

The main objective of the **Auditorium Management System** is to manage the detail of Payment, Booking dates, Booking, customers, Auditorium. It manages all the information about payment, inventory, Auditorium. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the payment, Booking, Dates, Inventery,Booking.It tracks all the details about the Booking,Customers,and halls.

- The system is useful as it calculates an exact cost for requested number of days.
- It is convenient for user as he do not have to actually visit the place.
- This system is effective and saves time and cost of the users.
- Easy registration.

LANGUAGE USED:-

- HTML
- CSS
- BOOTSTRAP
- JAVA SCRIPT
- PHP
- MY SQL

Front End:-HTML

- **HTML** is the standard markup language for creating Web pages.
- **HTML** stands for Hyper Text Markup Language.
- **HTML** describes the structure of Web pages using markup.
- **HTML** elements are represented by tags.
- **HTML** tags label pieces of content such as "heading", "paragraph", "table", and so on.

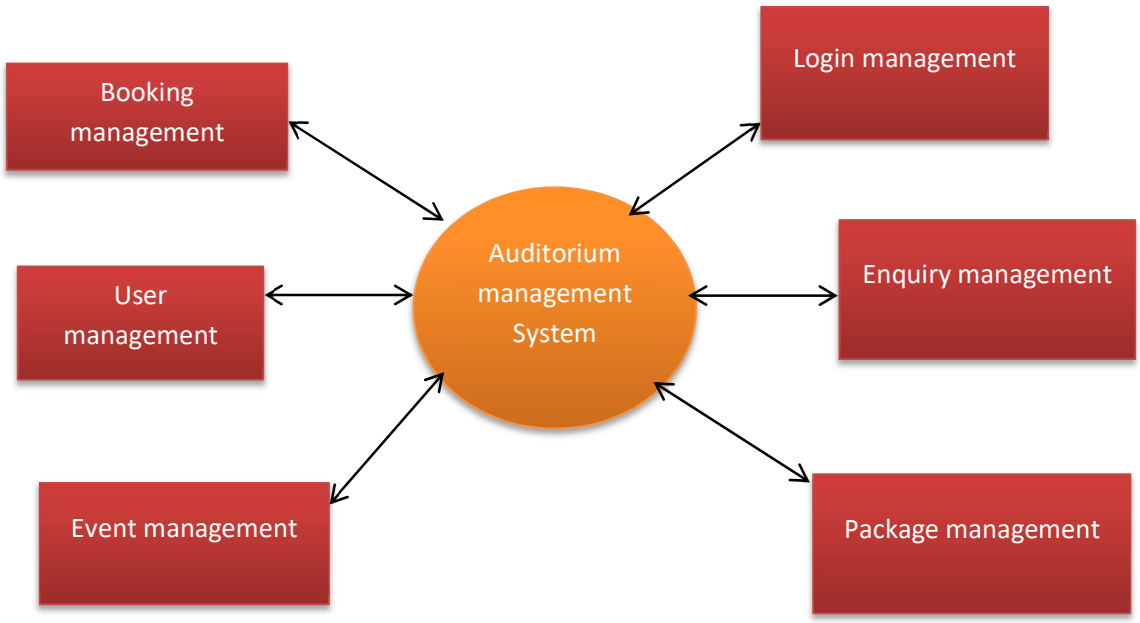
Back End:-PHP

- **PHP** is an acronym for "PHP: Hypertext Preprocessor".
- **PHP** is a widely-used, open source scripting language.
- **PHP** scripts are executed on the server.
- **PHP** is free to download and use.

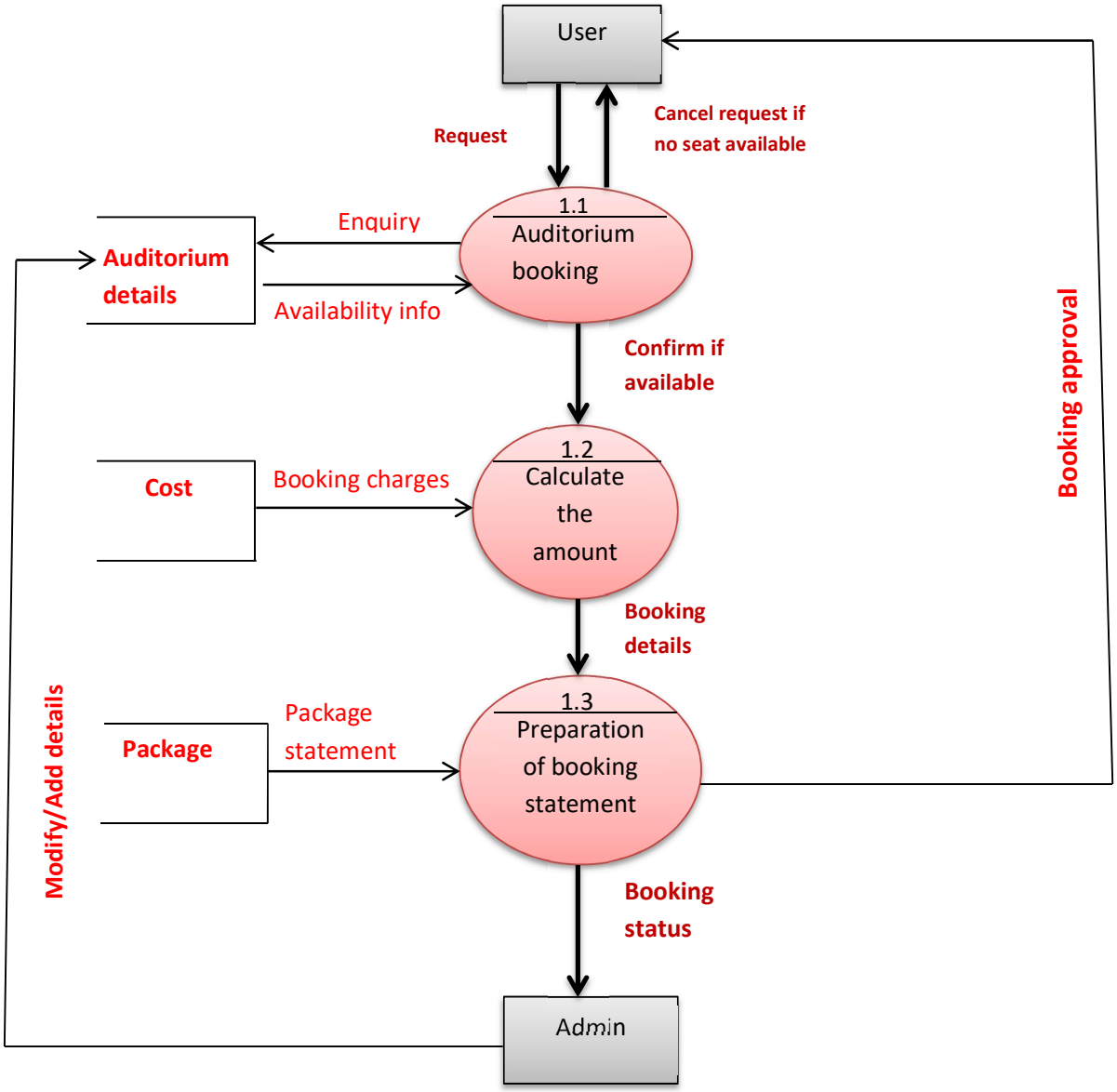
PHP files can contain text, HTML, CSS, JavaScript, and PHP code.

PHP codes are executed on the server, and the result is returned to the browser as plain HTML. PHP files have extension".php".

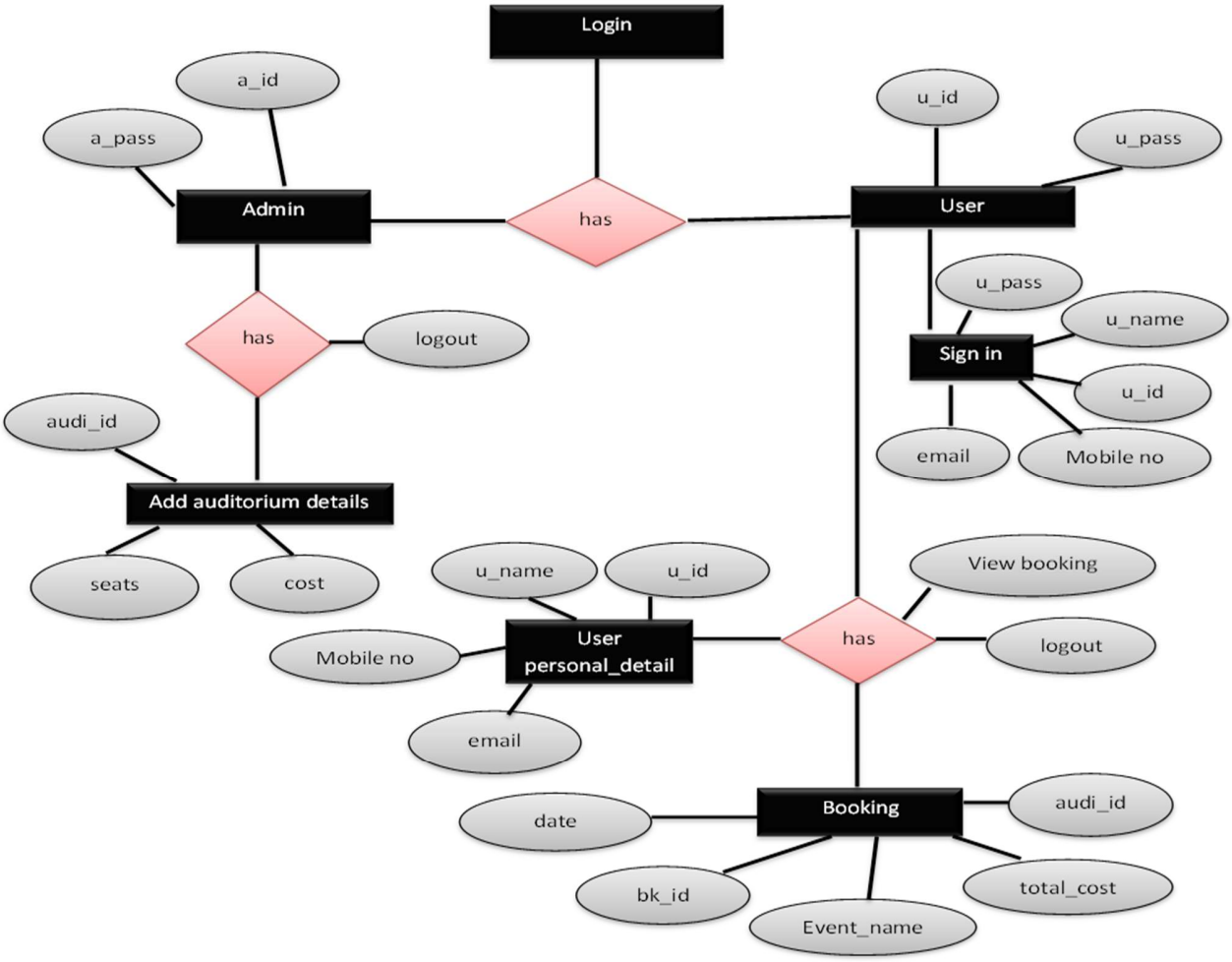
ZERO-LEVEL DFD



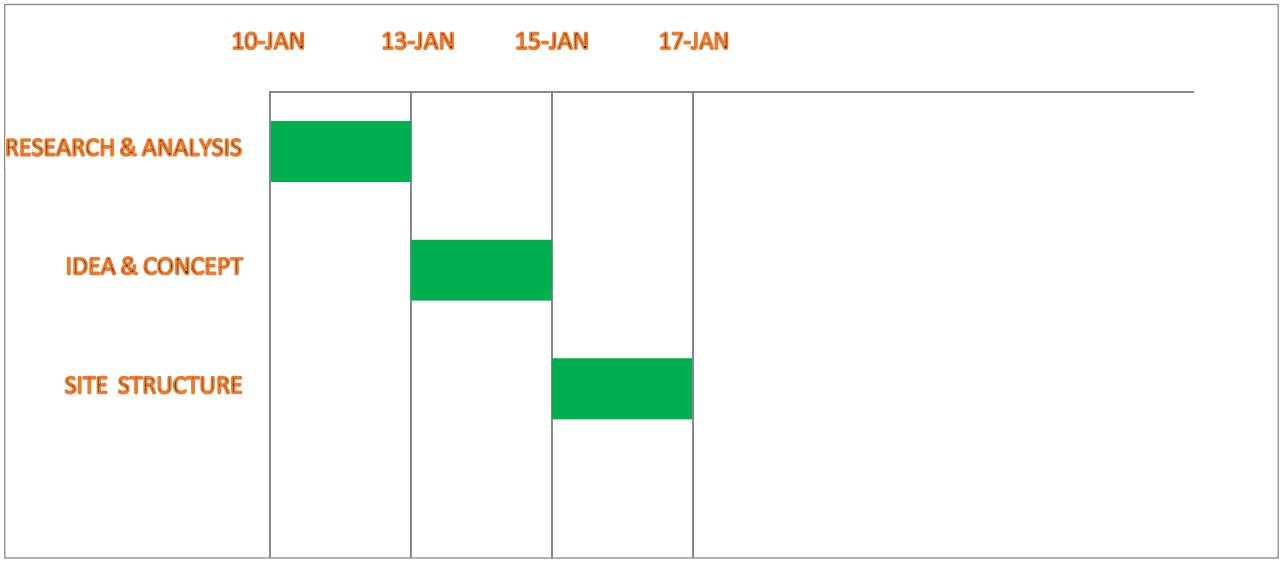
FIRST-LEVEL DFD



ER-DIAGRAM


Login
a_id
a_pass
Admin
has
u_id
u_pass
User
has
logout
u_pass
u_name
Sign in
u_id
email
Mobile no
audi_id
Add auditorium details
seats
cost
u_name
u_id
Mobile no
User
personal_detail
email
has
View booking
logout
date
Booking
audi_id
bk_id
Event_name
total_cost

GANTT CHART



	FINALIZE	REFINTMENT	USER TESTING	BUILDING HTML	DIGITISE LAYOUT	SKETCHES	SITE STRUCTURE	IDEA & CONCEPT	RESEARCH & ANALYSIS
START DAY							15-JAN	13-JAN	10-JAN
DURATION							2	2	3

TABLE SRUCTURE

Admin login table

Field name	Data type	Size	Key constraints
A_id	Varchar	200	Pk
A_pass	Varchar	200	---

Add Auditorium Details Table

Field name	Data type	Size	Key constraints
Audi_id	Varchar	200	Pk
Seats	Int	500	---
Price	Int	500	---

User login Table

Field name	Data type	Size	Key constraints
U_id	Varchar	200	Pk
U_pass	Varchar	200	--

Add Booking

Field name	Data type	Size	Key constraints
Bk_id	Varchar	200	Pk
Audi_id	Varchar	200	Fk
Total cost	Int	500	---
Seat	Int	500	---
Date	Date	100	---
E_name	Varchar	200	---

Personal Details

Field name	Data type	Size	Key constraints
U_id	Varchar	200	Fk
U_name	Varchar	200	---
U_pass	Varchar	50	---
Mobile no	Int	10	---
Email id	Varchar	10	---

FUTURE SCOPE AND FURTHER ENHANCEMENT:-

The software is very flexible; which can easily be modified as per future requirement. The system may include the online customer facility if needed. The prototype development may extend to similar organization, contributing their services in organizing various self-employment oriented course.

The phases of "**Auditorium Management System**" application were started with a definite goal. At the end of that phase, not only does there exists a bridge for the next phase, it is also made sure that the set goal is achieved giving the next phase a concrete base.

The main goal of the "**Auditorium Management System**" application is to automate the existing manual data processing system. The development of software is not an end in itself but only a means to an end. With this application, a hard copy of each Report is sent from one

branch to another and it is keyed in again. So this part of the application needs automation and can be considered for future enhancements and can be carried out in either of the two suggested ways –

Sending of report can be avoided by making it web-enabled or a single server concept can be adopted. There are future enhancement am going to do in the system. And may be some other kind future changes will be possible in the system also.

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