

---

# Hostel Management System

## Synopsis

---

### GUIDED BY

Prof. MR.Rajbhan singh

(Professor CSE)

Prof. MR.Sanjay Gupta

(H.O.D CSE)

### SUBMITTED BY

Harsh Kumar Mishra

Pramod Kumar Singh

Vikaram Pathak

Dhruv Kumar Kushwaha

# Table Of Contents

## Introduction

1. Purpose
2. Objective
3. Scope of the Project
4. Overview of Project

## Language Used

## Data Flow Diagram

1. 0 Level DFD
2. 1 Level DFD

## E-R Diagram

## INTRODUCTION :-

The project Hostel Management System is a system for managing the various activities in the hostel. It can manage the hostel information. It manages the student information, room information, room allocation details, and fee details of the hostel

The main purpose of Project Hostel Management System is to manages the details of beds, hostel, room, allottees, rent. It manages all information about beds, rent. It track all details about the room, allottees, rent.

### 1. Purpose :-

The purpose of the Synopsis is to provide a description of the design of a system fully enough to allow for software development to proceed with an understanding of what is to be built and how it is expected to build. Synopsis provides information necessary to provide the description of the details for the software and system to be built.

### 2. Objective :-

- To deal with Hostel Management System in an easy and an efficient manner.

- Create strong and secure database that allows for any connection in a secure way, to prevent any outside or inside attacks.

### 3. Scope of the Project :-

- Hostel Management System is designed for Hostel (like schools, Universities).
- There will be predefined criteria for the Reservation to the hostels.
- He/She checks the attested application forms of the students obtained from the internet and verify it with the student database.
- If the students are found eligible then they are allotted to the hostel Room.

### 4. Overview of Project :-

Hostel Room Allocation System is a web application which aims at computerization of the current procedure of allocating hostel rooms. Currently, the process involves students filling up the forms and submitting them in respective hostel offices which involves a lot of paperwork, hence less efficient.

## LANGUAGE USED

We have developed this project using the below Languages:-

HTML :- Page layout has been designed in HTML.

CSS :- CSS has been used for all the designing part.

JavaScript :- All the validation task and animations has been developed by JavaScript.

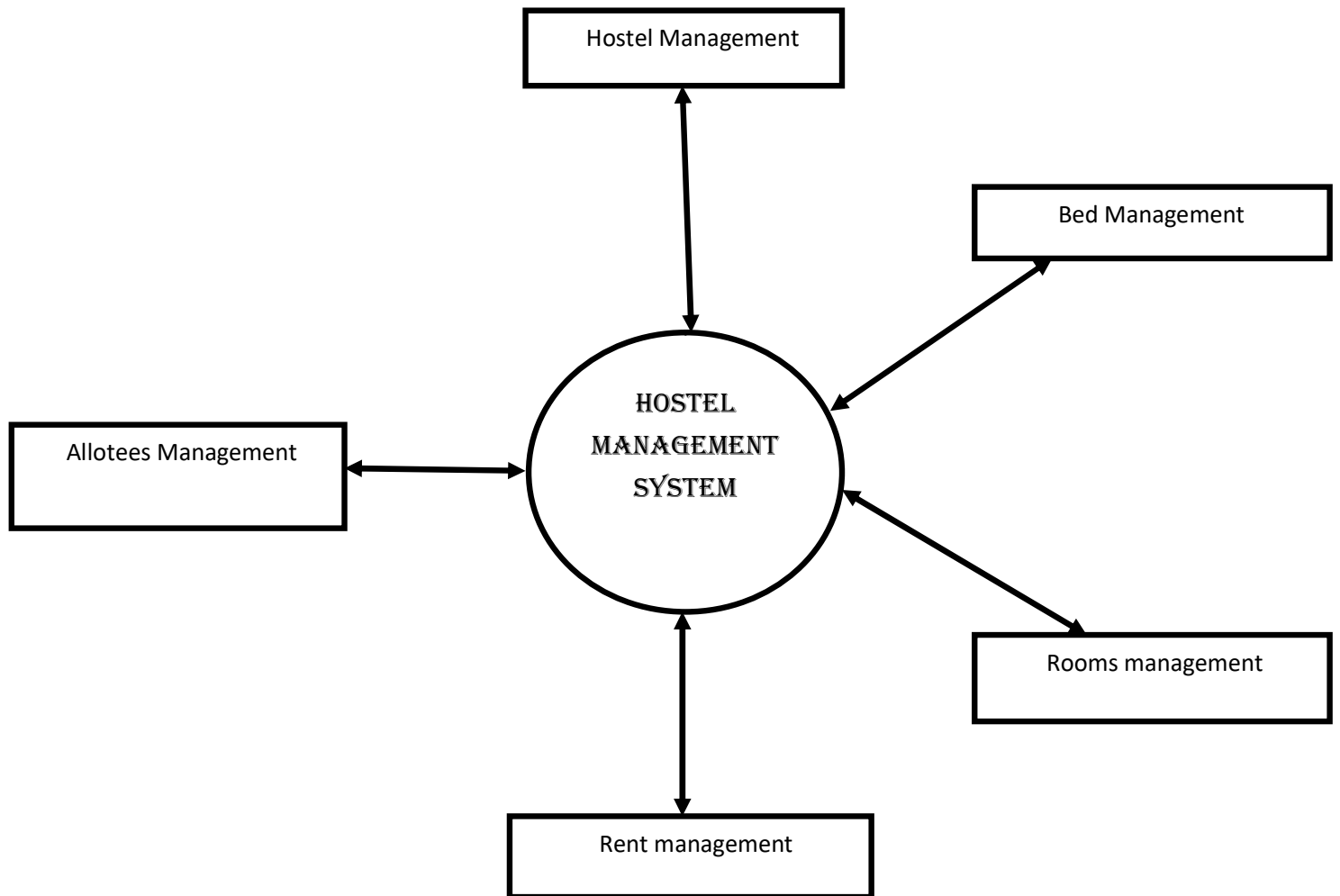
PHP :- All the business and frontend logic has been implemented in PHP.

MySQL :- MySQL database has been used as database for the project.

Apache2 :- Project will be run over the Apache2 server.

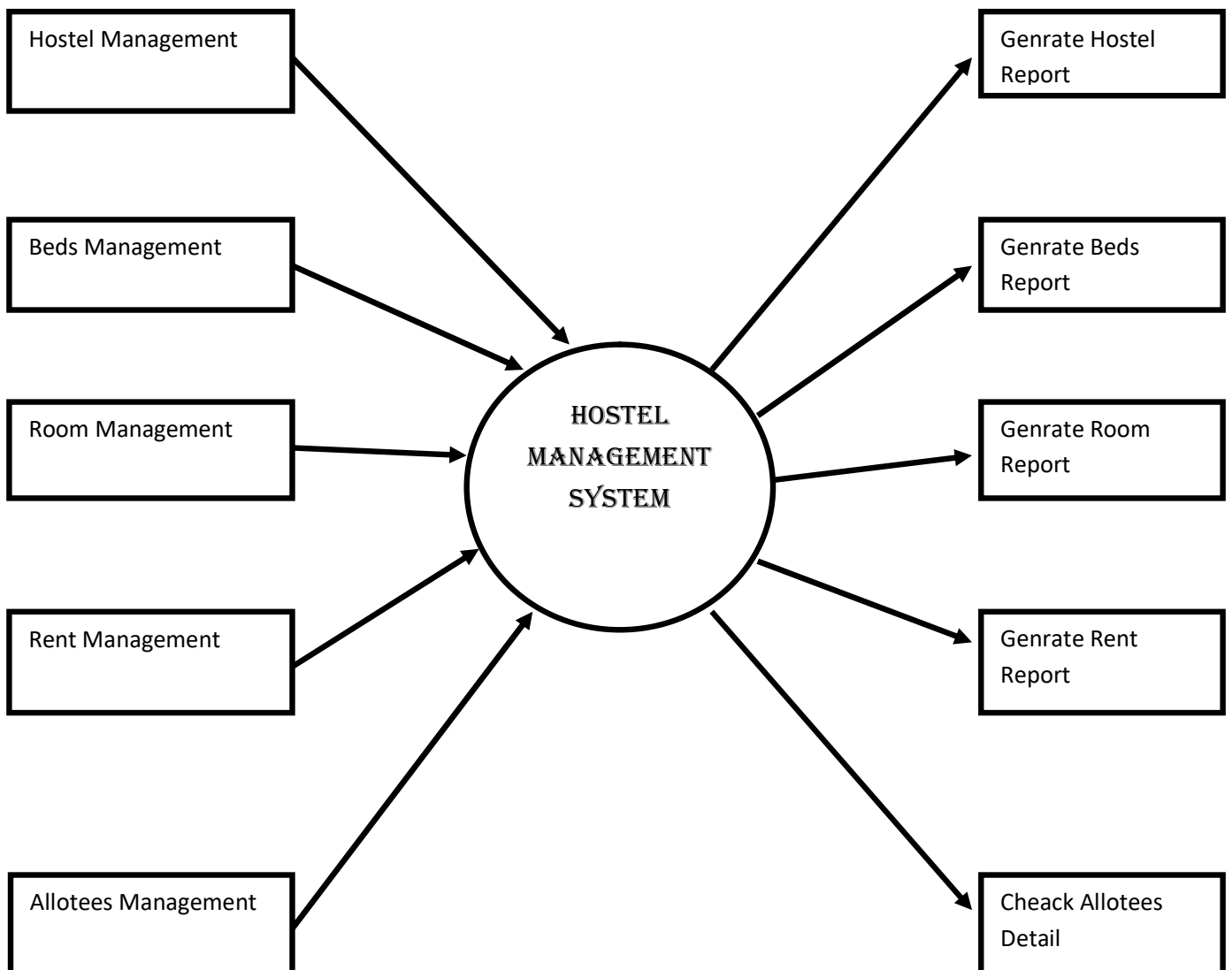
You can run this project on XAMP, LAMP or WAMP.

# DATA FLOW DIGRAM



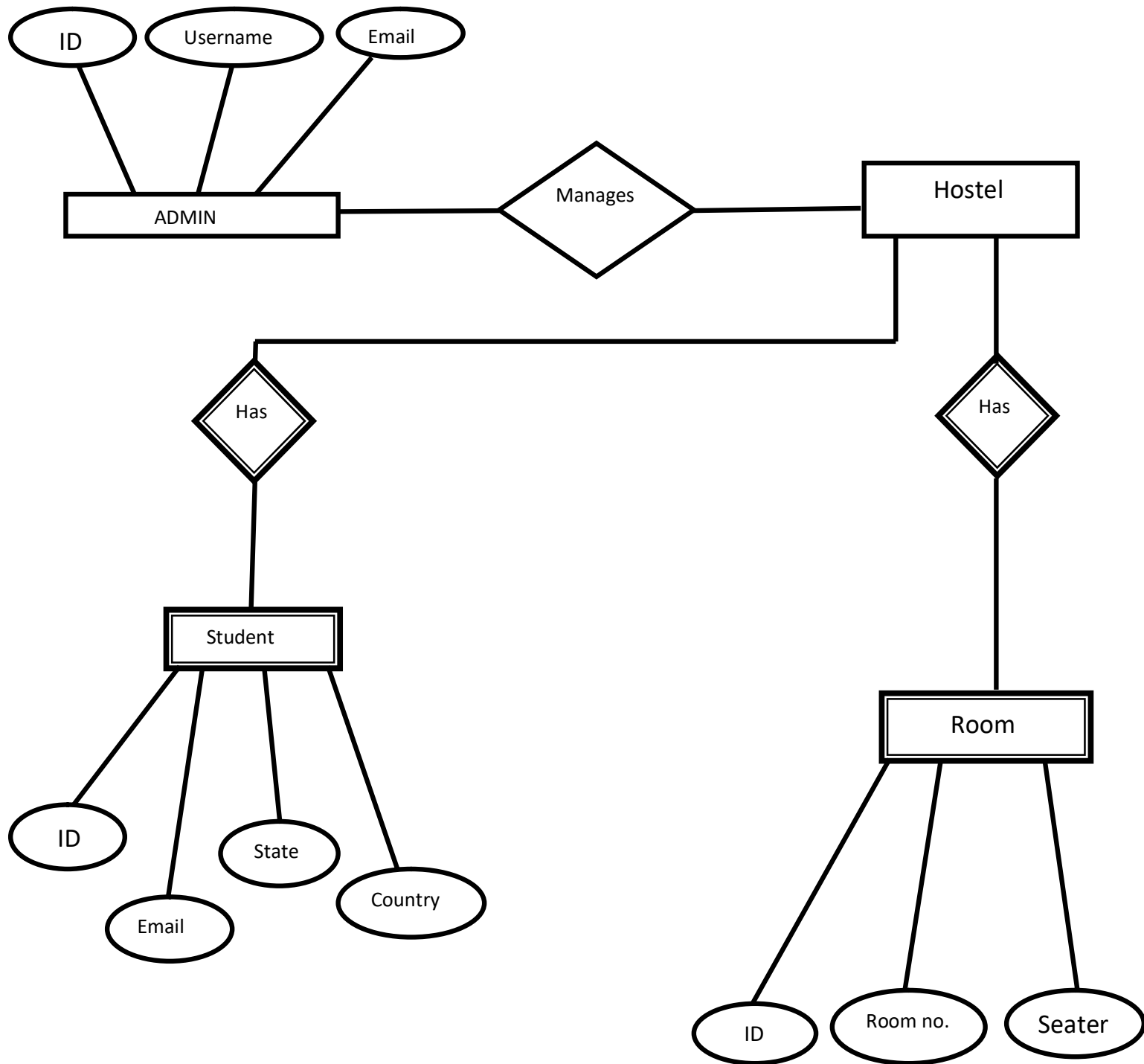
ZERO - LEVEL DATA FLOW DIGRAM

# DATA FLOW DIGRAM



FIRST - LEVEL DATA FLOW DIGRAM

# E-R DIGRAM



ENTITY-RELATIONSHIP DIGRAM