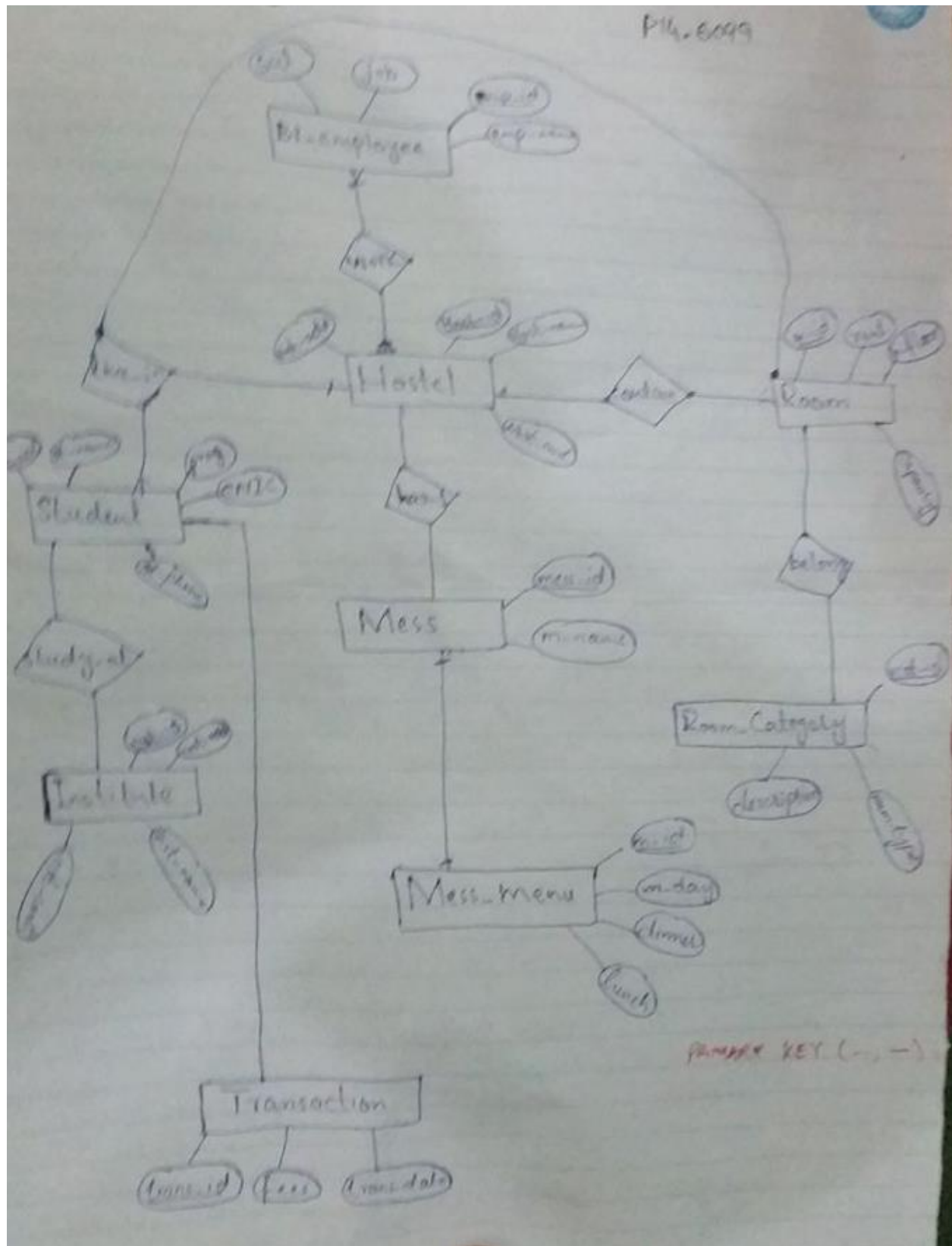# DATABASE LAB PROJECT:

HOSTEL MANAGEMENT SYSTEM

DESCRIPTION

A man has Hostel Business in a city. He has different hostels at different locations in that city and he want to have all data of enrolled students, fees paid, and dinner and lunch Menu. A student can get enrolled in any hostel in a specific room number. Rooms have different capacity for students some rooms may have two seat and some three and up to seven maximum seats. Menu will be save according to day wise with their timing for all hostels. Menu can be change for different hostels. There are different room categories according to facilities provided. A student can enrolled in any category. He want to save student name, age, institute, ID card and address. There will be fees collection system by that he come to know about students who pay fee or who not pay. The fees will pay on time otherwise there will be fine after due date. He also want to know how many rooms are filled and how many rooms remain unfilled so that he can adjust new coming students. All modification will be done by Admin.

VIEWS FOR HMS SYSTEM:

Views for this system are given below

View Name	Description
Host_emp	This gives the information of all employees
Hostel_Mess_Menu	It will show Menu of all Hostels
Hostel_Rooms	It will show details of Room of all Hostels
Hostel_info	It will show detail of all Hostels
Hostel_student	It will show students of all Hostels

TRIGGERS FOR HMS SYSTEM:

DEL_STUDENT:

This trigger will delete all data of related tables with student and save data of deleted student in log table

DEL_EMPLOYEE:

This trigger will delete all data of related tables with Employee and save data of deleted employee in log table

ROLES AND USERS FOR HMS SYSTEM:

There is only one user which is admin and he can do everything in system so there is no roles for this system and all privileges admin have.

All related data tables with their files are given in folder.