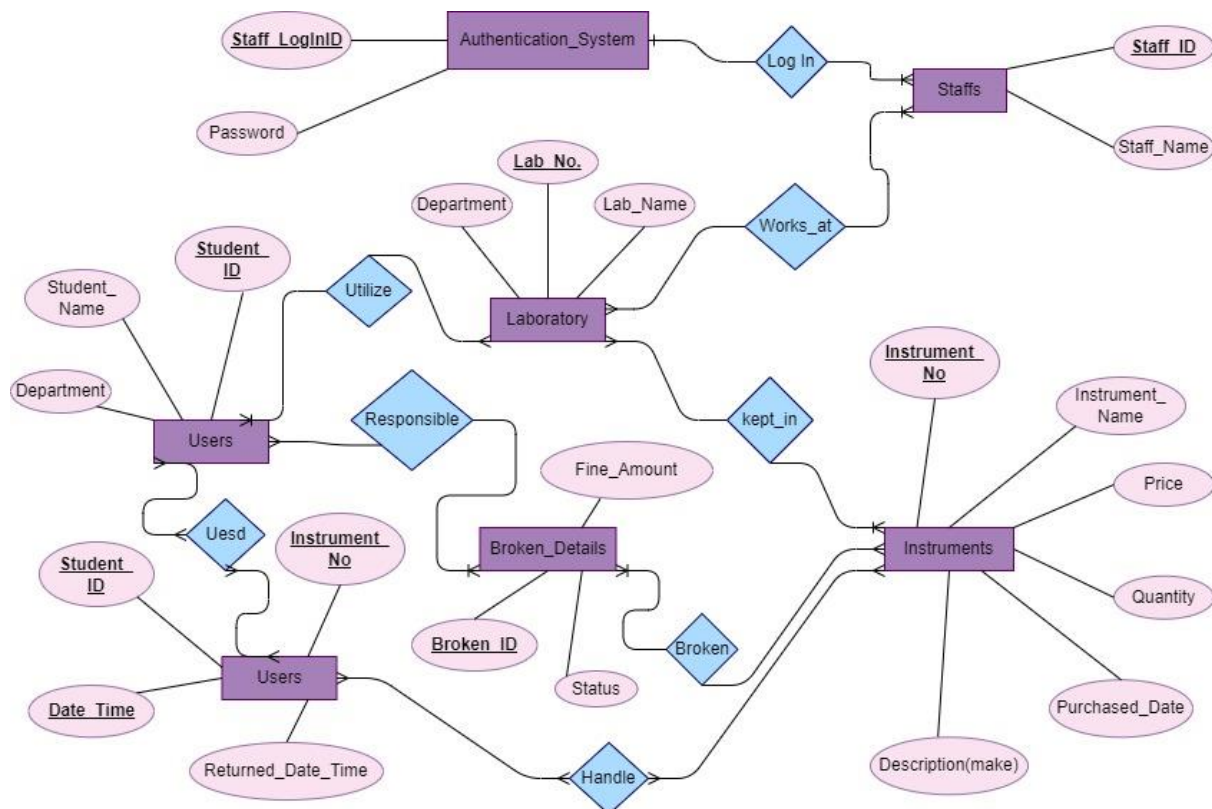# FINAL RELATIONAL SCHEMA

VENUJA S.

2018/E/130

SEMESTER 05

REVISED ER DIAGRAM

THE DATAS RELATED TO THE PROJECT

➢ Authentication System

Staff Login ID	Password

➢ Staff Details

Staff ID	Name	Lab No.	Staff_LogInID

➤ Laboratory

Lab No.	Name	Department

➤ Instruments

Instrument No.	Name	Quantity	Purchased Date	Price	Description (make)	Lab No.

➤ Users

Student ID	Name	Department

➤ Broken Details

Broken ID	Instrument No.	Student ID	Fine Amount	Status

Users_record

Student ID	Date and Time	Instrument No.	Returned Date and Time

RELATIONS SCHEMA

laboratory_database_management_system laboratory
- Lab_No_ : varchar(15)
- Lab_Name : varchar(255)
- Department : varchar(15)

laboratory_database_management_system users_record
- Student_ID : varchar(15)
- Date_Time : datetime
- Instrument_No_ : varchar(15)
- Returned_Date_and_Time : datetime

laboratory_database_management_system instruments
- Instrument_No_ : varchar(15)
- Instrument_Name : varchar(255)
- Quantity : int(11)
- Purchased_Date : date
- Price : float
- Description_Make : varchar(255)
- Lab_No_ : varchar(15)

laboratory_database_management_system staffs
- Staff_ID : varchar(15)
- Staff_Name : varchar(255)
- Staff_LogInID : varchar(15)
- Lab_No_ : varchar(15)

laboratory_database_management_system users
- Student_ID : varchar(15)
- Student_Name : varchar(255)
- Department : varchar(15)

laboratory_database_management_system authentication_system
- Staff_LogInID : varchar(15)
- Password : varchar(15)

laboratory_database_management_system broken_details
- Broken_No_ : varchar(15)
- Instrument_No_ : varchar(15)
- Student_ID : varchar(15)
- Fine_Amount : float
- Status : varchar(15)