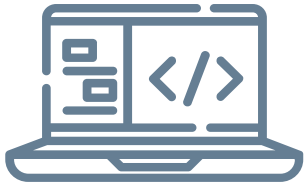
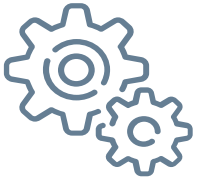
code academy

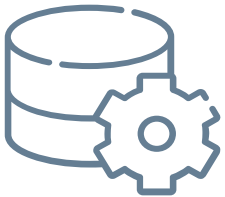


Mini Project
Hotel Realta System

version 1.1

Author : Kang Dian





Overview Hotel Realta System

Overview

Mini Project Name : Hotel Realta System

Technology Framework : ASP.NET Core

Programming Language : VB.NET, C#, (SDK .Net 5 or latest)

Database : SQLServer 2019

Object Relational Mapping (ORM) : None

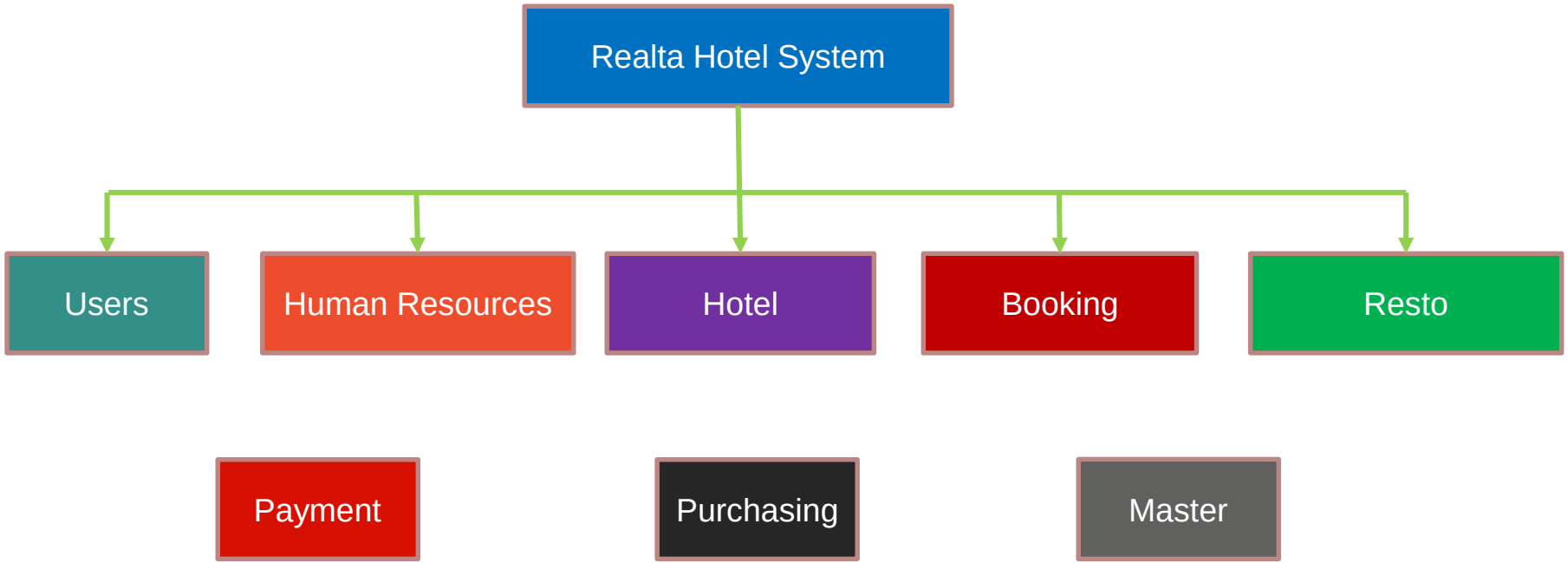
Scope Project : Development Backend RestAPI & Front End

Referensi :

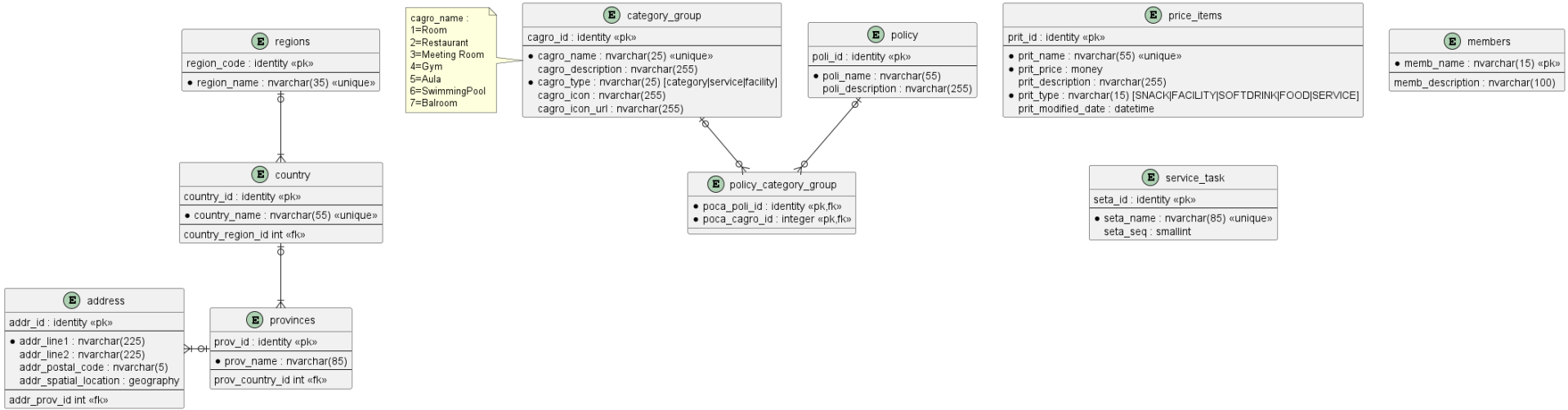
https://www.astonhotelsinternational.com/id/hotel/view/2/aston-bogor-hotel---resort

https://www.oyorooms.com/id/hotels-in-palembang/

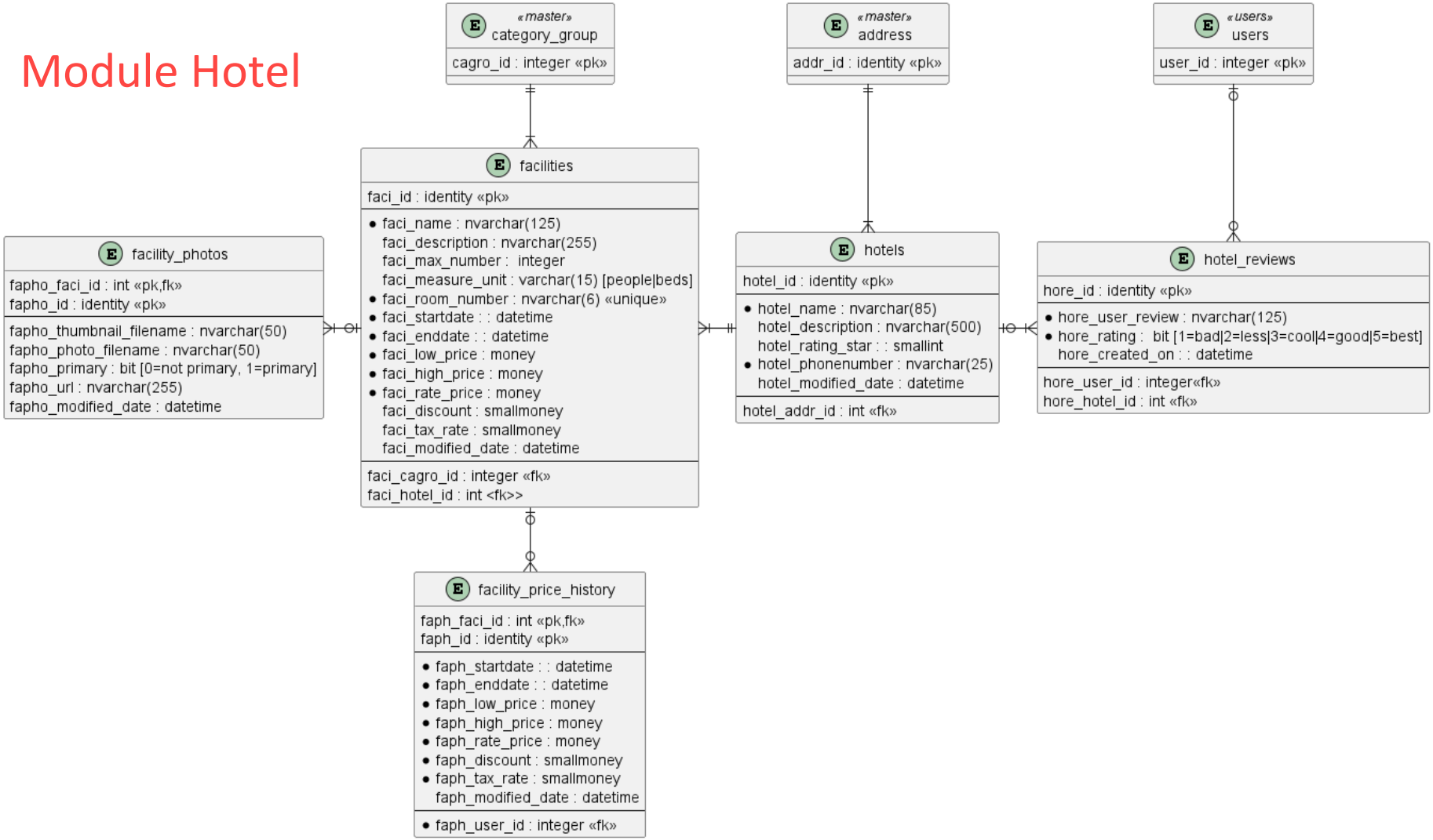
Hotel Realta System Modules



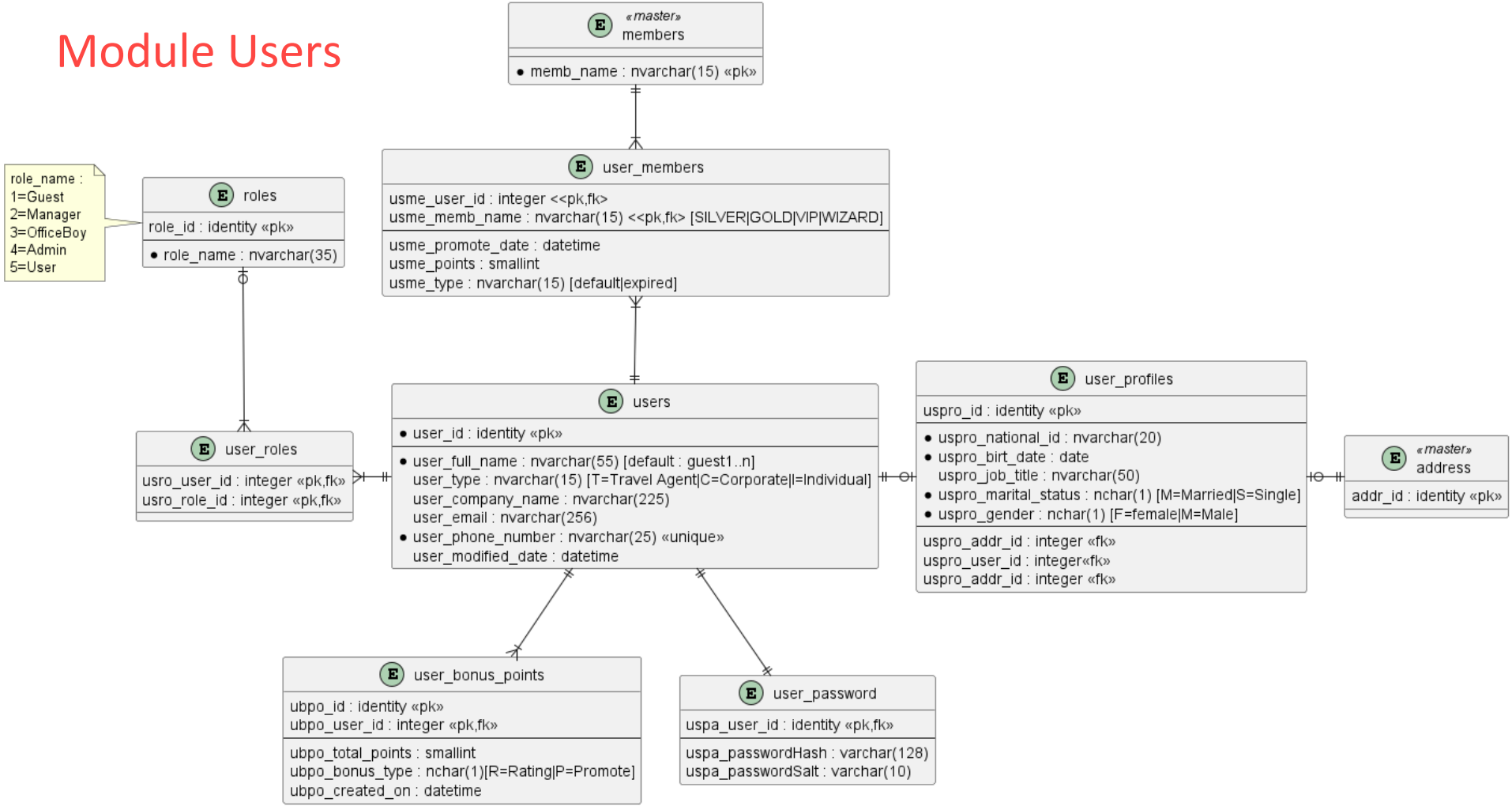
Module Master



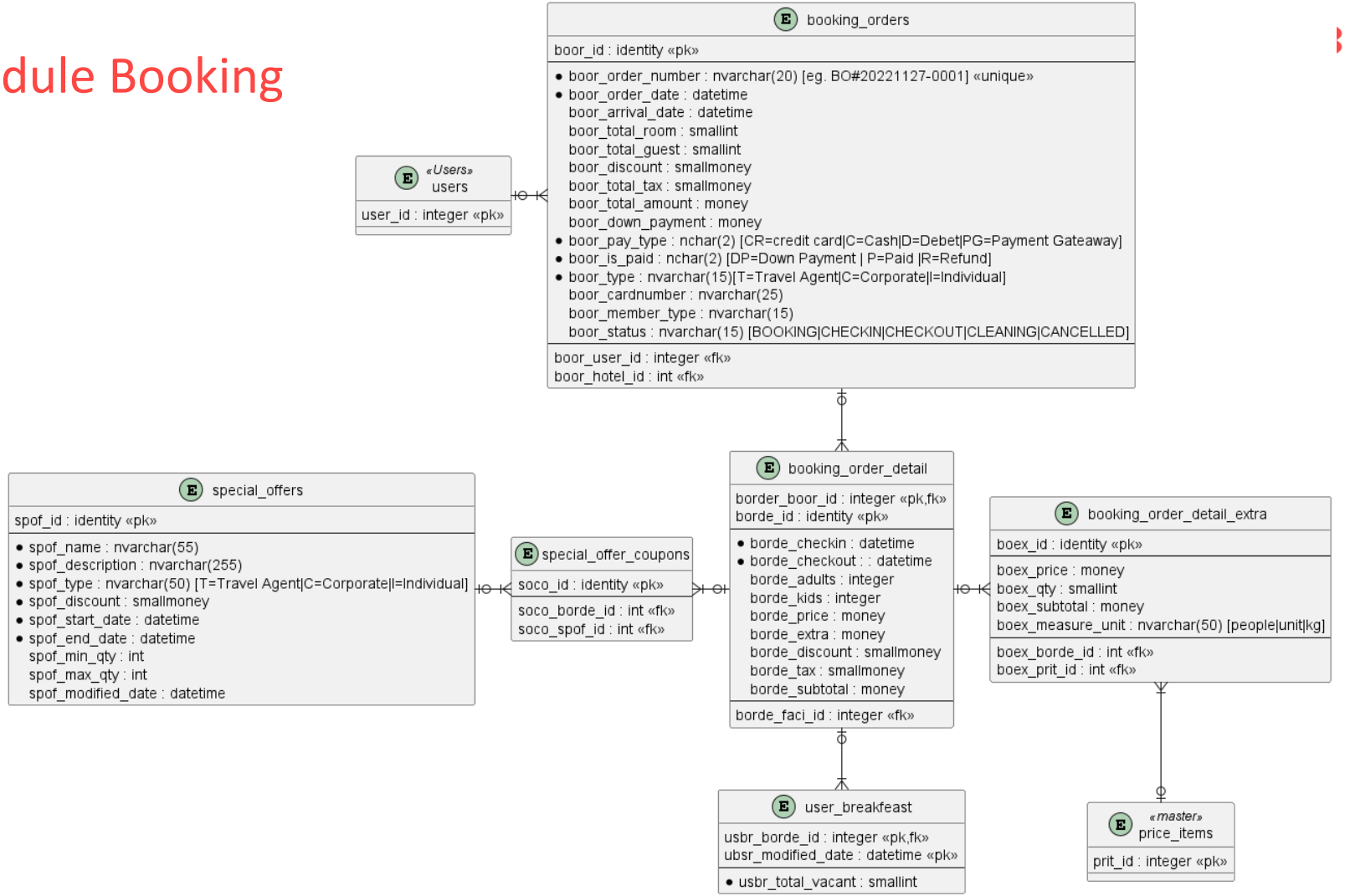
Module Hotel



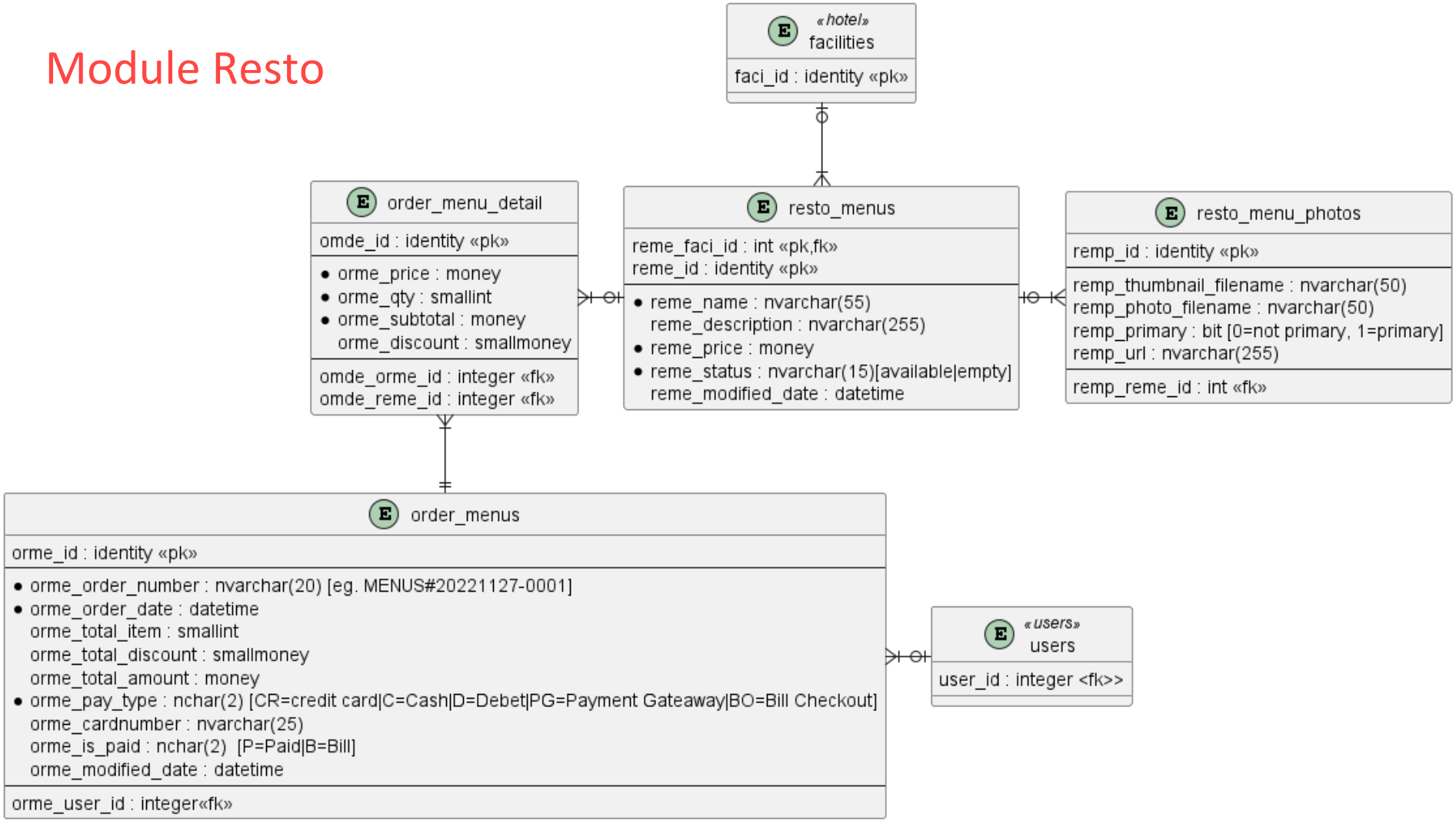
Module Users



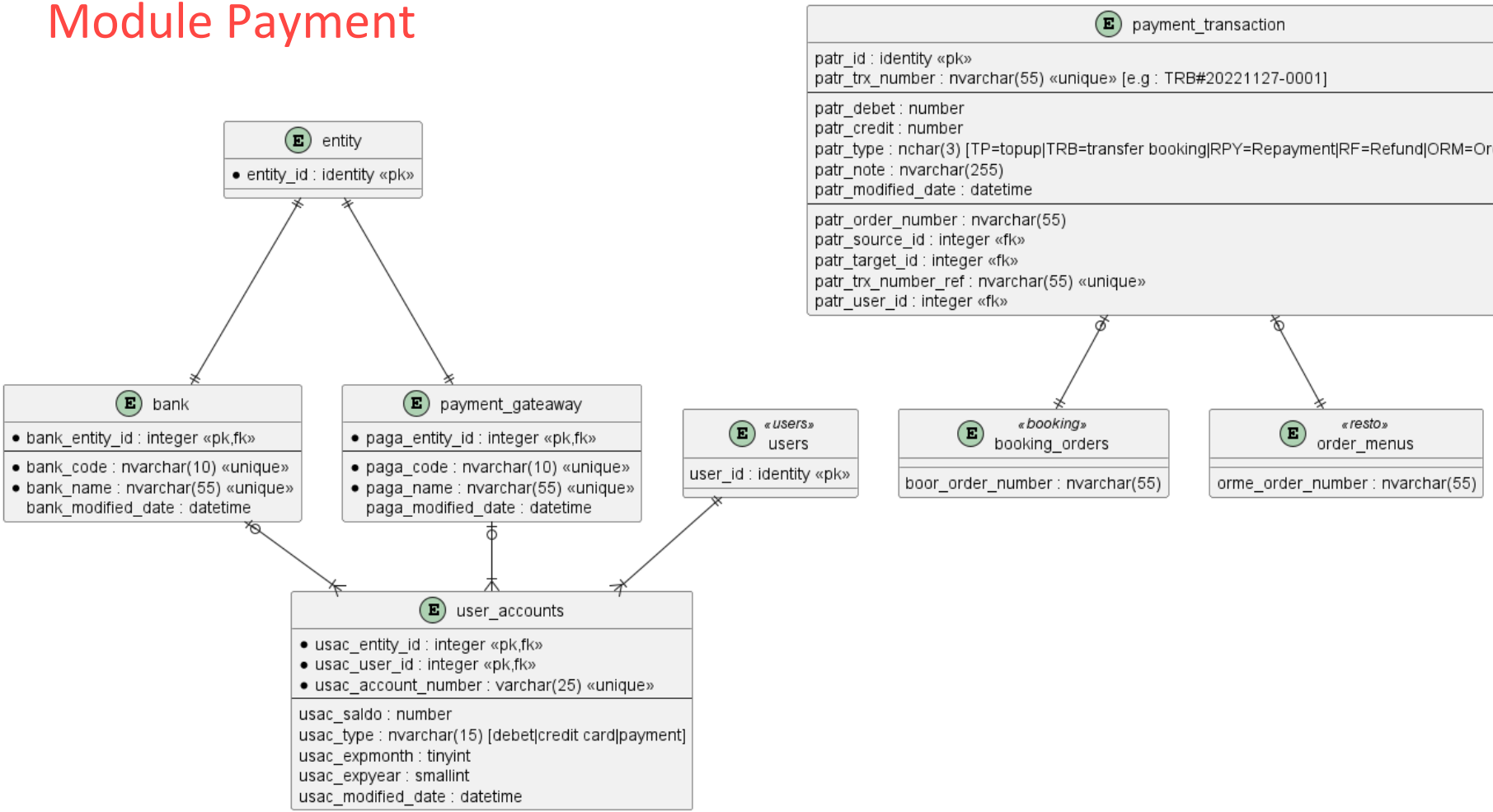
Module Booking



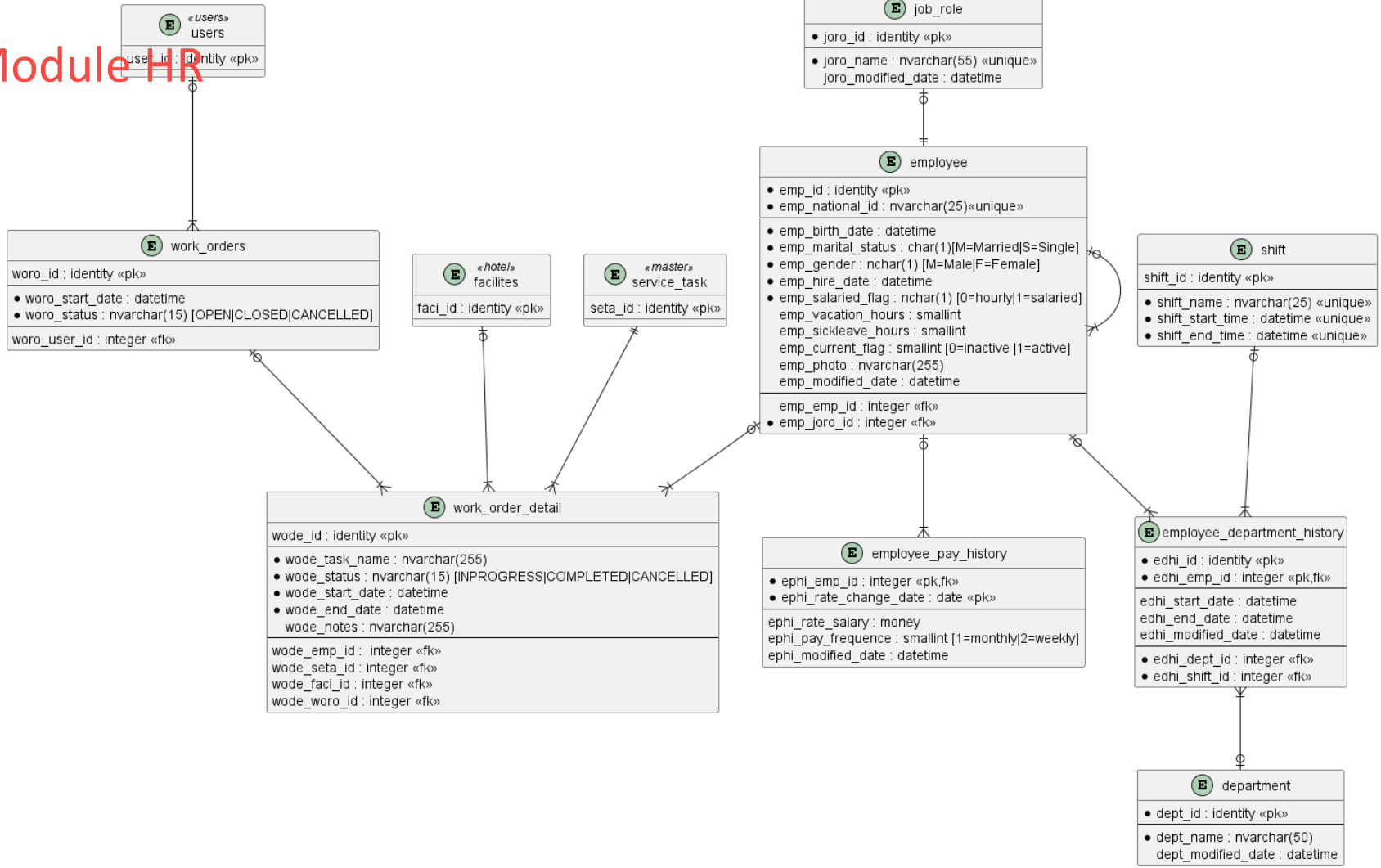
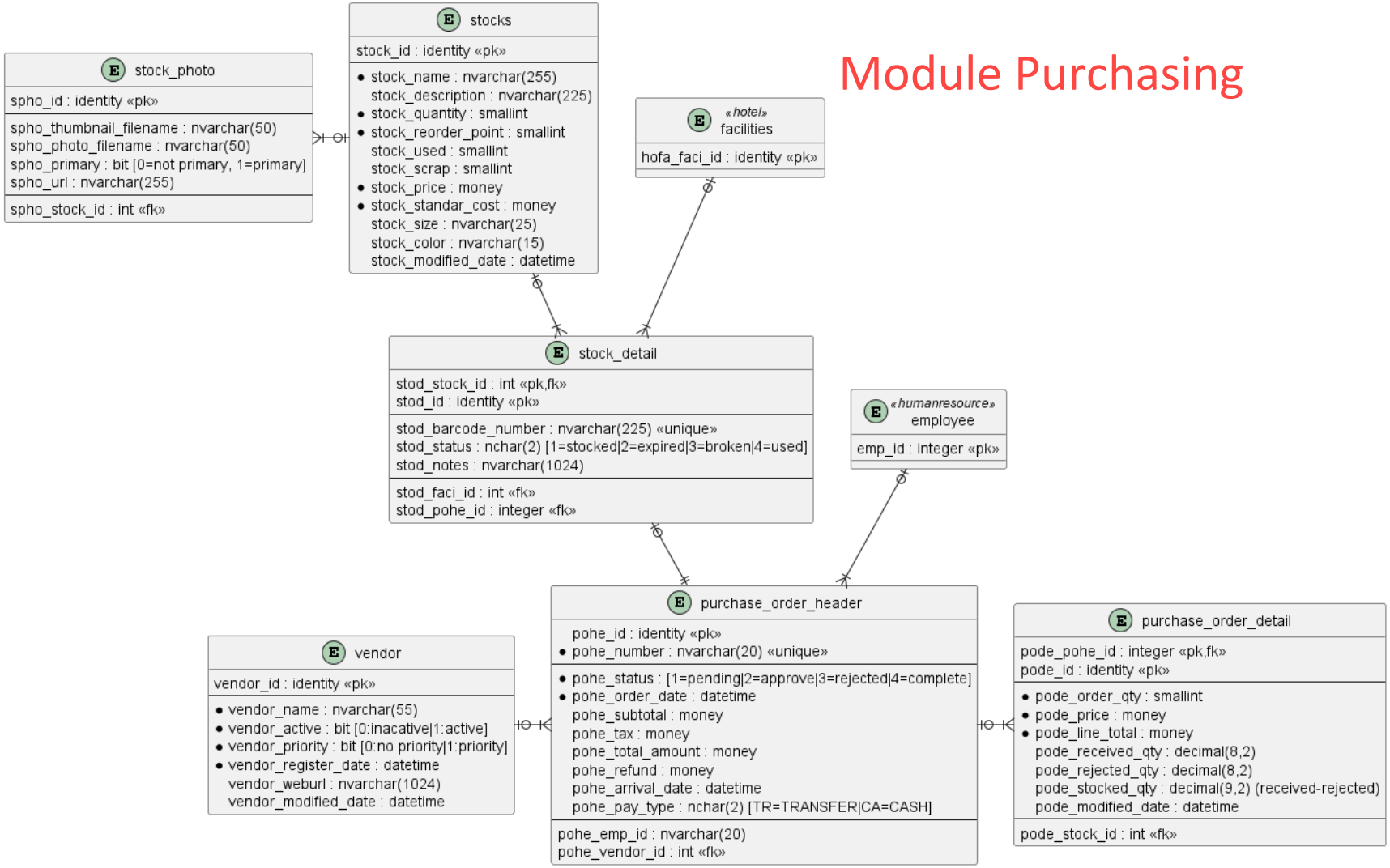
Module Resto



Module Payment



Module HR


«users»
users
user_id : identity «pk»
job_role
joro_id : identity «pk»
joro_name : nvarchar(55) «unique»
joro_modified_date : datetime
employee
emp_id : identity «pk»
emp_national_id : nvarchar(25)«unique»
emp_birth_date : datetime
emp_marital_status : char(1)[M=Married|S=Single]
emp_gender : nchar(1) [M=Male|F=Female]
emp_hire_date : datetime
emp_salaried_flag : nchar(1) [0=hourly|1=salaried]
emp_vacation_hours : smallint
emp_sickleave_hours : smallint
emp_current_flag : smallint [0=inactive |1=active]
emp_photo : nvarchar(255)
emp_modified_date : datetime
emp_emp_id : integer «fk»
emp_joro_id : integer «fk»
work_orders
woro_id : identity «pk»
woro_start_date : datetime
woro_status : nvarchar(15) [OPEN|CLOSED|CANCELLED]
woro_user_id : integer «fk»
«hotel»
facilites
faci_id : identity «pk»
«master»
service_task
seta_id : identity «pk»
shift
shift_id : identity «pk»
shift_name : nvarchar(25) «unique»
shift_start_time : datetime «unique»
shift_end_time : datetime «unique»
work_order_detail
wode_id : identity «pk»
wode_task_name : nvarchar(255)
wode_status : nvarchar(15) [INPROGRESS|COMPLETED|CANCELLED]
wode_start_date : datetime
wode_end_date : datetime
wode_notes : nvarchar(255)
wode_emp_id : integer «fk»
wode_seta_id : integer «fk»
wode_faci_id : integer «fk»
wode_woro_id : integer «fk»
employee_pay_history
ephi_emp_id : integer «pk,fk»
ephi_rate_change_date : date «pk»
ephi_rate_salary : money
ephi_pay_frequence : smallint [1=monthly|2=weekly]
ephi_modified_date : datetime
employee_department_history
edhi_id : identity «pk»
edhi_emp_id : integer «pk,fk»
edhi_start_date : datetime
edhi_end_date : datetime
edhi_modified_date : datetime
edhi_dept_id : integer «fk»
edhi_shift_id : integer «fk»
department
dept_id : identity «pk»
dept_name : nvarchar(50)
dept_modified_date : datetime

Module Purchasing