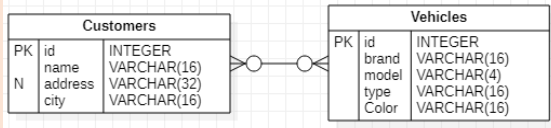
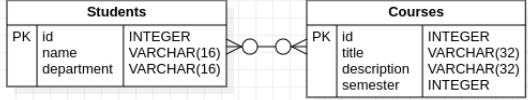
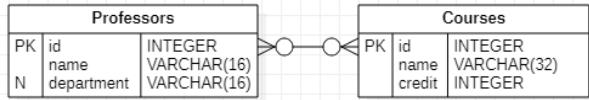
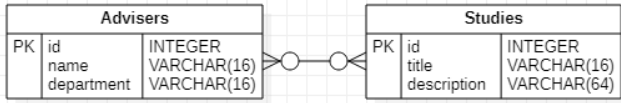
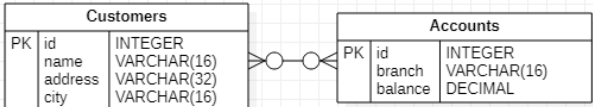
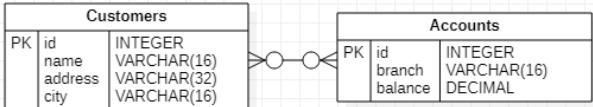
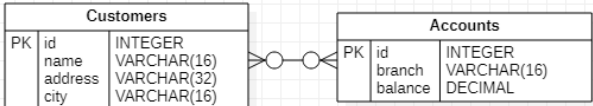
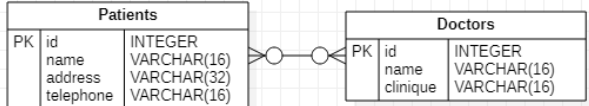
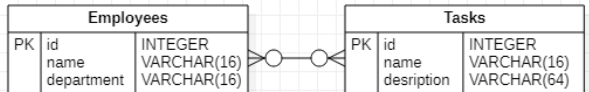


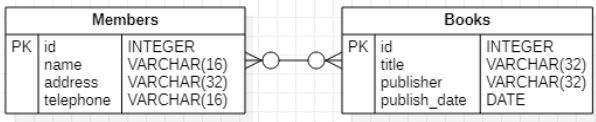
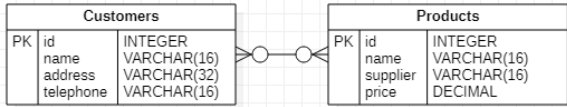
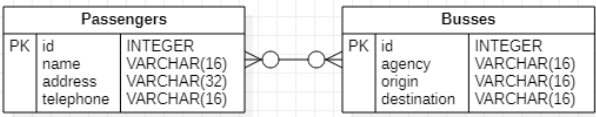
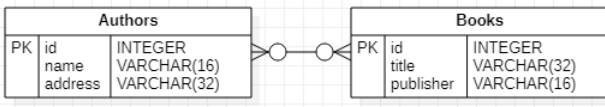
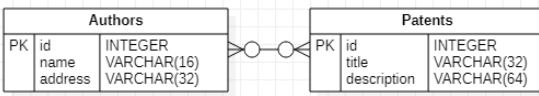
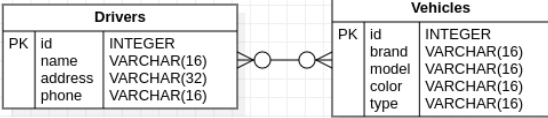
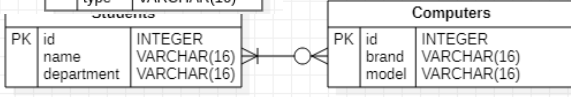
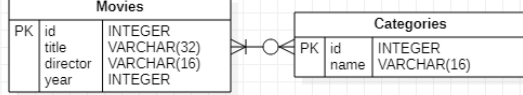
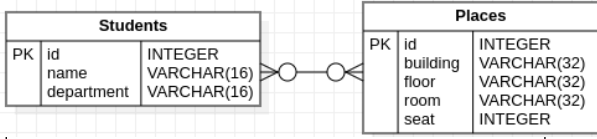
SWE523: ADVANCED DISTRIBUTED INFORMATION MANAGEMENT SYSTEMS

Project Studies 2025

You will work on the projects individually. Each student will choose a topic from the list given below and will develop a distributed information system on the same topic until the end of the semester. Project work will be evaluated 5 times during the semester, and evaluations will be made in the classroom after a 10-minute presentation.

We will make an exemplary project in the class that will form the basis of your project study. What is expected from you is to apply things on your project that you have learned in the class.

No	Project description	E-R Diagram
	THIS IS EXAMPLE PROJECT Car rental: In class example, Customers-Vehicles assignment Join: Rentals	 <p>Join: Rentals (Rent date, Return date, Is returned)</p>
1	School management-1: Students – Classes assignment Join: Enrollments	 <p>Join: Enrollments (Class Date, Tuition, Attendance)</p>
2	School management-2: Professors - Courses assignment Join: Teaches	 <p>Join: Teaches (Student count, Start date, Ending date)</p>
3	School management-3: Advisers - Studies assignment Join: Supervises	 <p>Join: Supervises (Student, Performance)</p>
4	Banking management-1: Customers - Accounts assignment Join: Depositors	 <p>Join: Depositors (Date, Amount)</p>
5	Banking management-2: Customers - Accounts assignment Join: Withdrawals	 <p>Join: Withdrawals (Date, Amount), check amount not below zero!</p>
6	Banking management-3: Customers - Accounts assignment Join: Loans	 <p>Join: Loans (Date, Amount), check loan not above a limit!</p>
7	Medical management: Patients - Doctors assignment Join: Appointments	 <p>Join: Appointments (App. Date, App. Time)</p>
8	Task management: Employee - Tasks assignment Join: Taskers	

		Join: Taskers (Task date, Task time)
9	Library management: Members - Books assignment Join: Borrowers	 Join: Borrowers (Due date, Return date, Issue)
10	Online shopping: Customers - Products assignment Join: Orders	 Join: Orders (Date, City, Delivery status)
11	Travel management: Passengers - Buses assignment Join: Travels	 Join: Travels (Date, Time, Price, Seat)
12	Publish management: Authors-Books assignment Join: Publishes	 Join: Publishes (Date, Edition)
13	Patent management: Authors - Patents assignment Join: Certifications	 Join: Certifications (Issue date, Duration in year)
14	Driver management: Drivers-Vehicles assignment Join: Assignments	 Join: Assignments (Assigned Date, Return date)
15	Computer checkout manage..... Students - Computers Join: Reservations	 Join: Reservations (Date, Duration)
16	Movie management: Movies - Categories Join: Classifications	 Join: Classifications (Date)
17	 Join: Reservation (Date, Duration)	