

University of Oum El Bouaghi
Department of Mathematics and Computer Science

Module: Information System

2nd year Computer Science

Solution for Tutorial 6: LDM

LDM 1:

Car (serial_Number, make, model, color, is_new)

Customer (cust_id, cust_first_name, cust_last_name, cust_phone)

Ticket (ticket_number, date_open, date_return, #serial_Number)

Salesperson (sp_id, sp_first_name, sp_last_name)

Invoice (invoice_number, date, price, #sp_id, #cust_id, #serial_Number)

Mechanic (mec_id, mec_first_name, mec_last_name)

Works_on (#ticket_number, #mec_id)

LDM 2:

Bank (code_bank, name, address)

Account (acc_nbr, acc_type, balance, #branch_id, #ssn)

Customer (ssn, first_name, last_name, address, telephone)

Branch (branch_id, address, #code_bank)

Loan (loan_nbr, loan_type, amount, #ssn, #branch_id)

LDM 3:

UserAccount (nickname, first_name, last_name, city, country)

EmailAddress (email_address, #nickname)

Post (post_id, content, date, time, lat, long, #nickname)

tagget_in (#nickname, #post_id)

related_to (#nickname, #related_to, type, date)

LDM 4:

segment (seg_id, seg_color, #label_id , #x.y_of_startingpoint, #x.y_of_endpoint)

point (x.y , p_color, #label_id)

polygon (pol_id, #label_id)

label (label_id, label_text, font_size, font_color)

has_side (#seg_id, #pol_id, index)