



THE ROMANIAN- AMERICAN UNIVERSITY



The School of Computer Science for Business Management

**Specialization: Computer Science for Business
Program: Computer Science for Business**

MASTER STUDIES PROGRAM

INDICATIVE TOPICS FOR DISSERTATION PAPERS

Academic year 2019 – 2020



**LIST OF TOPICS PROPOSED BY THE SCIENTIFIC
COORDINATORS FOR THE MASTER PROJECT MAJOR:
Computer Science for Economics Academic Year 2019 – 2020**

- 1 STOCK MARKET ACTIVITY. MODELS USED IN PORTFOLIO MANAGEMENT
- 2 SOFTWARE APPLICATIONS FOR THE SUPPLY CHAIN MANAGEMENT
- 3 SOFTWARE APPLICATIONS FOR THE MANAGEMENT OF HEALTH UNITS
- 4 SOFTWARE APPLICATIONS FOR THE HUMAN RESOURCE MANAGEMENT
- 5 APPLICATION FOR THE RECORD OF BANK LOANS IN A COMMERCIAL BANK
- 6 APPLICATIONS FOR THE DOMESTIC AND INTERNATIONAL BANKING LENDING OPERATIONS
- 7 CLIENT-SERVER APPLICATION FOR STOCKS
- 8 INTERNET / INTRANET APPLICATION FOR FINANCIAL ACCOUNTING
- 9 APPLICATION FOR THE MANAGEMENT OF A LOCAL NETWORK IMPLEMENTED IN A MULTINATIONAL COMPANY
- 10 WEB APPLICATION DEVELOPED IN PHP AND MY-SQL
- 11 WEB APPLICATION DEVELOPED WITH ORACLE PRODUCTS 10G (DISCOVERER/ DEVELOPER)
- 12 TELEMARKETING WEB APPLICATION
- 13 SOFTWARE APPLICATION FOR MONITORING A COMPUTER NETWORK
- 14 ON-LINE APPLICATION IMPLEMENTED FOR ELECTRONIC PUBLISHING
- 15 ON-LINE APPLICATION FOR THE MANAGEMENT OF BOOKS AND READERS OF A LIBRARY
- 16 ON-LINE APPLICATION FOR TICKET RESERVATION AND SALE, SERVING A TRANSPORT COMPANY
- 17 SOFTWARE APPLICATION FOR GENERATING THE TIMETABLE OF UNIVERSITY SCHOOLS
- 18 APPLICATION FOR ASSISTING LENDING DECISIONS IN A COMMERCIAL BANK AND ESTABLISHING BANKING ARREARS
- 19 SOFTWARE APPLICATION FOR THE INSURANCE OF GOODS SERVING AN INSURANCE AGENCY
- 20 SOFTWARE APPLICATION FOR THE OPENING AND FOLLOWING-UP OF BANK DEPOSITS
- 21 APPLICATION FOR THE DATA MANAGEMENT OF LIBRARIES
- 22 APPLICATION FOR THE MANAGEMENT OF MEDICAL CERTIFICATES
- 23 COMPUTER APPLICATIONS FOR SALES IN AUTOMOTIVE INDUSTRY
- 24 PROVIDING INFORMATION SECURITY IN COMPUTER NETWORKS
- 25 ONLINE DATABASES FOR PROMOTING GEOGRAPHICAL REGIONS
- 26 DATABASE FOR THE MANAGEMENT OF IMPORT-EXPORT ACTIVITIES SERVING A TRANSPORT COMPANY
- 27 DATABASE FOR FOLLOWING-UP THE OPERATIONS OF FOREIGN TRADE
- 28 DATABASE TRACK OF A HOSPITAL / POLYCLINIC
- 29 DATABASE FOR THE ONLINE BOOKING AND MANAGEMENT OF SALES
- 30 SYSTEM FOR BOOKING TICKETS SERVING A RAILWAY / ROAD COMPANY
- 31 INFORMATION KIOSK FOR STUDENTS

Note:

1. Students can choose one topic from the list above and are required to fill it in an application form that will be submitted to the Dean's Office.

Students may propose other relevant topics, with the approval of the Scientific Coordinator.