



GRADUATION PROJECT PROPOSAL

Academic Year/Semester: **1433-1434 AH**

A. GENERAL INFORMATION

- A1. Supervisor(s): **Mr. Osama Abu Abbas**
 - A2. Project Title: **Recognition System of Handwritten Arabic letters**
 - A3. Number of Students: **1 or 2 students**
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B. PROJECT ABSTRACT

Handwriting has continued to persist as a means of communication and recording information in day-to-day life. Pattern recognition has become more and more popular and important. This project aims to present an application that can recognize Arabic handwritten letters. Machine learning techniques will be investigated and implemented in this application. A new E-Learning system to facilitate teaching Arabic language will be proposed and implemented. At the end of the work, a desktop application and another mobile application will be delivered to the committee.

Keywords: Pattern Recognition, Machine Learning, E-Learning, Mobile Application, Desktop Application

C. REQUIREMENTS (both hardware and software)

- Hardware : **Smart Mobile Phone with light pen OR Touch Screen**
 - Software : **NetBeans IDE 6.7.1 OR Visual Studio.net 2010**
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D. PROJECT PHASES

- 1- Functional Requirements and Non Functional Requirements
 - 2- Analysis
 - 3- Design
 - 4- Coding and Implementation
 - 5- Testing and Validation
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E. SCHEDULING OF PHASES

- Semester 1: Requirements, Analysis and Design
- Semester 2: Implementation and Testing



GRADUATION PROJECT PROPOSAL

Academic Year/Semester: **1433-1434 AH**

A.GENERAL INFORMATION

- A1. Supervisor(s): **Mr. Osama Abu Abbas**
 - A2. Project Title: **Online Exam System**
 - A3. Number of Students: **1 or 2 students**
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B.PROJECT ABSTRACT

Online examination is a technique to conduct an examination through internet or intranet. A lot of universities and companies are gladly taking this modern system to exemption from the tedious written examination system. Many benefits can be achieved by online exam system as Low cost, minimum effort, minimum employee deployment, saving time and instant result. This project aims to present an online exam system with most or all of the following features: an examination instruction that will show the basis contents of the examination and something should be paid attention to, accessibility of examination content by setting preset accounts and passwords to protect the contents, registration process in which participants can register themselves online, time limit of the examination, valid time of examination content, time reminder for the examination, submission ways and immediate release or timed release can be set to the examination.

C. REQUIREMENTS(both hardware and software)

- Hardware : **No hardware required**
 - Software : **NetBeans IDE 6.7.1 OR Visual Studio 2010 + SQL Server 2008**
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D.PROJECT PHASES

- 1- Functional Requirements and Non Functional Requirements
 - 2- Analysis
 - 3- Design
 - 4- Coding and Implementation
 - 5- Testing and Validation
-

E. SCHEDULING OF PHASES

- Semester 1: Requirements, Analysis and Design
- Semester 2: Implementation and Testing



GRADUATION PROJECT PROPOSAL

Academic Year/Semester: **1433-1434 AH**

A.GENERAL INFORMATION

- A1. Supervisor(s): **Mr. Osama Abu Abbas**
 - A2. Project Title: **E- Recruitment Agencies**
 - A3. Number of Students: **1 or 2 students**
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B.PROJECT ABSTRACT

E- Recruitment or as also known as “Online recruitment” is the use of technology or the web based tools to assist the recruitment process. The tool can be either a job website like naukri.com, the organization's corporate web site or its own intranet. Many big and small organizations are using Internet as a source of recruitment. They advertise job vacancies through worldwide web. The job seekers send their applications or curriculum vitae (CV) through an e-mail using the Internet. Alternatively job seekers place their CV's in worldwide web, which can be drawn by prospective employees depending upon their requirements. This project aims to present an E- Recruitment web-based system that gives a detailed job description and job specifications in the job postings to attract candidates with the right skill sets and qualifications at the first stage, A well defined and structured applicant tracking system should be integrated and the system should have a back-end support, Along with the back-office support a comprehensive website to receive and process job applications (through direct or online advertising) should be developed

C. REQUIREMENTS(both hardware and software)

- Hardware : **No hardware required**
 - Software : **NetBeans IDE 6.7.1 OR Visual Studio 2010 + SQL Server 2008**
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D.PROJECT PHASES

- 1- Functional Requirements and Non Functional Requirements
 - 2- Analysis
 - 3- Design
 - 4- Coding and Implementation
 - 5- Testing and Validation
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E. SCHEDULING OF PHASES

- Semester 1: Requirements, Analysis and Design
- Semester 2: Implementation and Testing

