Project title: **EE Connection**

Year: 2019

Project supervisor: Mohammed Chamseddine

Students: Jounaid Al-Saadi (31530387) & Bassam Kaddoura (31730588)

Contents

[Requirement Analysis 3](#_Toc2954797)

[Project Objectives 4](#_Toc2954798)

[Problem Statement 4](#_Toc2954799)

[Scope of the Project 4](#_Toc2954800)

[Project Vision 4](#_Toc2954801)

[Business Constraints 4](#_Toc2954802)

[Technical Constraints 4](#_Toc2954803)

[Documentation 4](#_Toc2954804)

# Requirement Analysis

## Project Objectives

This project will develop new business processes and supporting information system processes and services to support the strategic vision for EE Connection member services. It is anticipated that the resulting system will provide for highly integrated processes and services that cross many internal business functions and reach out directly to customers. It is anticipated that this project will result in one of the following (listed in order of expected likelihood).

1. Develop an in-house information system that results in significant competitive advantage for EE Connection in a highly competitive market.

2. Establish a connection between the employees and employers around the country, where we provide employers with the workers that fulfill their requirements, and provide employees with the widest range of job opportunities, that comes with a small fee on the employer’s side, which only applies upon a successful employment.

## Problem Statement

Over the past decade, a problem within the country grew more serious, where many people with a lot of experience and the ability to work are not able to find the right position for their skills, likewise, employers are finding difficulties in filling their vacancies with the right employees that will take the company to another level. The problem here is the fact that both the right person and the position are available, there are just many complications for them to connect. The following specific problems were internally discussed by the members of the project team:

1. The constantly changing labor market has led to a misconception among the freshly graduated students where they can not keep up with the needs of the market.
2. The rate at which universities are pumping out ready-to-work graduates is exponentially exceeding the visible available positions
3. Employers are exploiting the lack of visibility of vacancies in the labor market to underpay the employees that really need the job.
4. Employers are abusing their employees by making them work harder under the thread of termination, that is because the employees are living under the illusion that there is nowhere else to go.
5. Competition among job-seeking individuals results in them asking for people in higher places to press on employers to give them the position.
6. Properly-qualified workers are no longer receiving the priority they deserve in employment as employers start choosing workers in bias depending on who knows who.
7. Improper employment and the absence of the right person in the right place leads to inefficient flow of work, thus leading lower-quality services and products.

## Scope of the Project

This cross-functional project will support or impact the following business functions and external parties:

1. Subscriptions
2. Information storing (Employee databases)
3. Accounts payable
4. Member services
5. External parties:
   * Prospective members
   * Members
   * Former members
   * Contracted Employers

It is recognized that project scope may need to be refined over the course of the project. Project scope should be defined as explicitly as possible in the first phase of the project. Any significant deviation of functionality, cost, or timetable must be reported promptly to the appropriate director. That director must promptly request and facilitate a scope change consensus meeting of the Information Systems Steering Committee.

## Project Vision

The strategic plan for this project is to fulfill the following:

1. Keep the graduates up to date to the needs of the labor market providing a compiled list of available positions in the current day
2. Provide exposure for the available positions on the market to keep up with the rate of needed jobs.
3. By providing multiple options for the job-seekers, competition is created among employers, hence offering incentives and prevent underpaying.
4. Shifting the priority of employment towards the truly-qualified individuals rather than those with connections.
5. By stating the job details beforehand, the employer loses the ability to abuse the applicants for more work hours.
6. By hiring the right people for the right position, efficiency will skyrocket among business thus enhancing the quality and quantity of products and services.
7. Individuals with be matched with the positions depending their skills rather than who recommended them or who they know at the top, thus eliminating third-party interference in employment.

## Business Constraints

1. The initial version of the system must be operational in three months. The need for subsequent versions with be discussed later on.
2. The system cannot alter any existing file or database structures in the Accounts Receivable Information System without approval of Accounting.
3. As part of EE Connection strategic goal to become ISO 9000 certified, all business processes are subject to business process redesign to improve total quality management and support continuous improvement.
4. The system must conform to the approved technology architecture approved as part of the IS strategic plan. Exceptions must be pre-approved by both the Technology Architecture Committee and the Information Services Steering Committee. The system should harness the recent plan to invest in state-of-the-art desktop computing and client/server network technology.
5. The need to establish a contract with the employers before listing their positions to be browsed on the website, and to agree on a fixed fee per successful employment.
6. There is no set budget for this project, the developers are free to spend as much as they see fit within reason as long it ends up operational.

## Technical Constraints

The new system must conform to the following information technology architectural standards:

1. The current LAN architecture is client/server based on Windows clients relying on an Ethernet and TCP/IP network using Windows 10 and Windows 10 Terminal servers.
2. The current messaging architecture is based on Outlook clients (for e-calendar and e-mail) running on a Microsoft Windows 10-based Exchange Server.
3. This project will require the development of one or more enterprise databases. The corporate database server standard is Microsoft SQL Server running on a Windows 10 server. Because the project may include Internet/intranet database access, the information technology architecture group has approved Microsoft SQL Management Studio as a candidate database access technology.
4. The project will require the development of a website. The corporate application development environment chosen is Visual Studio. The development team has also approved the use of Microsoft Visio for the pre-planning of the project.
5. Internet and intranet Web servers will be implemented using Microsoft Internet Information Server (IIS) running on a Windows 10 server.
6. Internally, the development process will be through personal workstations running windows 10 OS, all including Mozilla Firefox browsers.
7. Externally, for members, any solution developed must run equally well on Microsoft Edge, Google Chrome, Safari, or Mozilla Firefox mobile or desktop browsers.
8. The project team is empowered to explore and recommend intranet and extranet technologies as appropriate to the information system requirements; however, all technologies should be approved by the information technology architecture group prior to purchase or installation.
9. External hard drives will also be used to store backups for the system.

## Documentation

The following guidelines should be used for communications:

1. The project team will hold weekly status meetings, chaired by the project manager. All project status meetings minutes and reports will be shared with all IT directors.

2. Team members will utilize electronic mail, dialogue, and written completion criteria on a regular basis as vehicles for project communication.

3. The following directory folders shall be used to store this charter and all subsequent documentation and work-in-progress components.

E:\SE Project\ EE Connections\...

External Drive:  
F:\SE Project\EE Connections\ ...