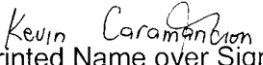# Tiger Start: Development of UST Student Career Portal using Angular.js and Java RESTful

A Capstone Project
Presented to the
Department of Information Technology
Institute of Information and Computing Sciences
University of Santo Tomas

in Partial Fulfilment
of the Requirements in the Degree of
Bachelor of Science in Information Technology

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Chapter 1

Introduction

The Internet has revolutionized the way people search for a job in the 21st century. In the old days, job seekers had to buy newspapers and read the classified section to look for a qualified job, but today, job seekers are using Internet-enabled devices to go to employment websites to look for job opportunities that matches his/her skills. Websites such as monster.com, jobstreet.com, and linkedIn.com provide job seekers the advantage of accessing thousands of job listings all at the comfort of their home. Within those websites, people can also research about a company's background to get more information that could be crucial in your decision-making (Lee, n.d.). Overall, the Internet gives job seekers a plethora of career information resources with just a click away.

The Counseling and Career Development Center needs a website that will make the students' job application more efficient and well-prepared. The website will allow the studentsto make a working portfolio of his/her academic performances, extra-curricular activities and off-school projects as early as in the students' 1st year of college. The website will be part of the guidance department's plan in strengthening the relationship of the university with the partner companies and also increasing the employability rate of the students.

Project Context

Some could say that finding a job is kind of like a job itself with tasks like filling out applications forms, looking through documents, and collecting references. There are also the challenges of searching for the right job, creating the perfect resume, putting on the appropriate clothing, preparing for the interview process, waiting to get a callback, and more likely doing the process all over again if it does not work out (Miller, 2015).

Job seekers use the Internet to make job searching easier. By searching online, the users are given the convenience of accessing thousands of job openings in one location. The process of printing application requirements and paying mailing services is replaced by sending an email message or attachment to a prospective employer online (Mayhew, n.d.).

Recruiters are preferably using the Internet to find talented individuals instead of paying talent databases and job-boards to do the work. Resumes and cover letters sent online are not usually printed but rather immediately viewed on a computer screen. It is expected that the sent documents should readable on the device. It is important that the documents should embody what a recruiter is looking for in the job position being offered (Waldman, 2013).

One of the guidance department's roles is to help students find a career suited for them. The guidance department helps the students in their job search by suggesting certain job titles based on their developed skills and completed courses. The guidance department also provides students advises and activities that could help in dealing with career-related challenges.

Having a partner company is a significant factor in a student's job application, especially when internship and employment are the discussion. These companies are usually present in

the some of the University's organizations and events which helps spread the establishment's presence to the students while searching for future employees. With this project, there is the potential of having a more deeper connection with the partner companies. This deeper tie-in could lead to the possibility of a partner company scouting a student as early in his/her freshman year in college. If the student's credentials satisfies the company, the firm could invest in the student's studies in exchange for employment with the company after graduation. There is also the promise of companies helping the university improve its curriculum to meet the new standards in the industry.

With those in mind, the proponents would like to create a website for the students of the University of Santo Tomas (UST) to explore the possible job options and to assist the students in finding the right career path for them while also having the assistance of the career development center with them.

Purpose and Description

The purpose of this project is to aid the students in finding an employment or internship by creating a website that will display up-to-date job listing from the university's partner companies and also allow the students to send his/her portfolio to the desired company. The job listing will be on a section of the website where the user could see the company's name, job description, requirements, and other important descriptions. The partner companies will provide the necessary information through communicating with UST's Counseling and Career Development Center. The user could apply to a company by going to the company's webpage in the website through the explore section and then send his/her portfolio with the "Send

Portfolio" button. The user can create a portfolio by editing the contents of the portfolio section in which they can add new information like awards, experiences, and seminars attended.

The proponents' website will be separated into two user interfaces. One of which will be used for the student side while the other for the admin side. Both will have a user interface inspired by the University's Office of Admission (OFAD) website and Gurus Patio in terms of the flat design and school-themed color palettes. The website will require the users to have an account in order to gain access to the website.

For the student side of the website, the navigation menu will link to important web pages such as the home, portfolio, explore, job posts, and about. The home page will include a newsfeed section containing links of career articles from websites like huffingtonpost.com, jobs.aol.com, bayt.com, and others. Also, include in the home page is the announcements section, which will be used for career-related announcements from the guidance department. On the other hand, the explore section arranges the various company partners in accordance to the programs offered by the University making it easier for students to find a job suitable for them. The portfolio section, which is one of the most important part of the website, will be able to let users edit his/her information like skills, awards, experiences, certificates and others. The user's portfolio can be converted to a word or pdf file which can then be send to a potential employer via email service. Also the companies will be given accounts to browse student profiles.

For the admin side of the website, the navigation menu will link to web pages such as the home, companies, job posts, and announcements. Those mentioned links will help the admin add, edit, or delete information based on the information they provide to the website.

Input		Process		Output
Location, Skill, or Position	→	Search Algorithm	→	Matched Companies

Figure 1.1
IPO Chart

The search functionality will be used to find the location, position, or skill needed by the user in choosing a job. As shown in Figure 1.1, the user must first encode his/her location, position, or skill. As a result, the website will display the list of companies that matches the user's input.

The proponents plan to use Angular.js, Java RESTful and MySQL in the development and creation of the project. These programming languages will help in the synchronization with the University's website and database. Some of the students information will be from the JAVA Oracle database which is also used by MyUSTe.

The website will be tested using desktop computers. The proponents are hoping that the website could help UST students in their job application with its various career information resources and helpful contents.

Objectives

General Objective

The main objective of this project is to develop a website capable of providing information of possible job opportunities or employment for graduating UST college students.

Specific Objective

Specifically, the project aims to achieve the following objectives:

- To inform the students about the different companies associated with the University of Santo Tomas
- To prepare students for their career application with helpful articles and section(s) within the website
- To enable students to edit his/her online portfolio
- To provide students a way to send his/her portfolio to a desired company via email service
- To create a search functionality for finding a job position, location, or skill related to the company's information

Scope and Limitations

The study would involve students enrolled in UST. The website will include a selection of companies wherein some of the basic information and requirements will be viewable to graduating students for recommendation and employment purposes. The website will be have some integration to MyUSTe site and data records to facilitate in creating the contents for the students. The website will allow students to edit the contents of the portfolio to maintain his/her information up-to-date. The administrator will have the capability to search the students'

resumes. The administrator will have the power to validate the students' information before sending the portfolio to the company. The website can be viewed on smartphones, tablets, and desktop computers with Internet access. The website can be viewed using the latest version of the following web browsers: Safari, Mozilla Firefox, Google Chrome, and Internet Explorer.

The website will be specifically tested by a batch of graduating IT students. The selected companies will only be hiring IT graduates.The integration of MyUSTe will help in serving a link for the proposed website and also gathering existing data such as name, birthdate, address, and other details needed in the user's portfolio. The student can edit his/her portfolio on some fields like achievements and extra-curricular activity due to some information are already filled up by the data records from MyUSTe. The administrator can only search for the students' resumes based on his/her skills, certificates, and awards. The administrator would only validate the students' certificates and degrees before the student could send his/her portfolio to the desired company. Although the website will be mobile optimized, it is designed for desktop users in mind.It is recommended that the user use a desktop computer or a laptop to get the best possible experience. The web browser should be in the latest version.

Chapter 2

Review of Related Literature, Studies and Systems

A starting career is each of everyone's stepping stone to succeed in life. A person who has goals in life would do everything to succeed in their career. Everyone is finding ways to be able to look for a job that would help them sustain their financial, emotional and psychological needs. In the Philippines, Filipinos are hard workers and they see work as a serious matter as it provides every person's necessities and other aspects of needs. However, the rate of unemployment is still high though people have motivation and good attitude regarding work. This means that person's personality is not enough for them to find a job.

Setting up your goals leads to a successful career, although it may change over time, your career choice depends on you, because the things that you enjoy doing and the talents that you have do not change, In order to achieve career satisfaction, You need to evaluate who you are by knowing your interest, values and skills so that you could find out who you can be (Jordan, 2010).

People develop a passive attitude towards looking a job. Eagerness makes them find ways to conveniently get a job. Traditional job hunting is very costly, timely and unsure comparing it when you use career websites in looking a job. According to an article written by Smith (2013), "a career service website allows its employers to get a glimpse of who you are outside the confines of a résumé, cover letter, or interview", while they offer job seekers the opportunity to learn about companies they're interested in; connect with current and former employees; and hear about job openings instantaneously among other things. You will just see

if the job that would be match to you is on your interest then you can just click on apply and search for more jobs.

Nowadays as technology advances, different methods are being developed to make life more convenient and efficient. There are career websites that provide job opportunities to people who are dedicated and motivated in reaching their goals in life. Jobstreet.com, trabaho.com, and workabroad.ph are just some of the examples of career websites commonly used in the Philippines. These websites are also known internationally and offers job to South East Asian countries which widens the job choices to job seekers. One of the notable features on some of these websites is the ability to do job matching on the created profile that could help the user find a job that matches their credentials (Abrugar, 2011).

The proponents would like to describe the website as a training wheel for employment websites such as monster.com and jobstreet.com. The website in comparison does not have a lot of advances searches and job recommendations, but it does however provide basic functionality suited for a user new to job searching. With the help of the Counselling and Career Development Center, students will know which companies are legitimate and approved by the University for internship or employment.

Johnson's (2003) study found that,Through the resources of an online career services, it will help students to develop their career plans as well as find productive employment opportunities, both during their educational careers and beyond. Each student should be advised about services and resources that are available to current students, alumni, community members, and employers. (p.131)

The University of Santo Tomas has been holding an annual university-wide job fair to help support the thousands of graduating students in their career path. As of the 20th anniversary, over 140 companies from various industries are expected to participate in the job expo to be joined by graduating students and alumni. The event gives the students the advantage of meeting and networking with professionals and organizations while also learning about employment and internship ("UST holds Job Fair," 2015). With the addition of the proposed website, students will be able to learn about the various of companies in the industry and also send his/her portfolio to a designated company even if the students miss the event.

According to QS, the University of Santo Tomas has a 5-star employability award, an attribute of a word class university. Also the Philippines Survey ranked UST as the second best in fresh graduate employability. As a supplementary information, Jobstreet stated that University of Santo Tomas is one of the Top 4 universities that still placed prominently as the institutions companies prioritize when hiring,

The proponents' project gives the educational establishment, the potential of greater employability by helping the students be more prepared for the job with up-to-date information from partner companies and relevant career articles from informational websites.

As of now, there are still no statistics available about employability rate of Thomasian students. Currently, employability rate per course of the University can be traced through a Graduate Tracer Study, which is an ongoing research agenda of Commission on Higher Education. the study is also now being developed by the office for alumni relations as per interview. The proponents' project is part of the University's career centers plan in helping make sure the recent graduates of University of Santo Tomas are employed within the span of 6 months.

Aligned with the development, The Rational Merchandising Concepts Incorporated has develop an Online Job Application System that allows management to have an easier access on detailed information about their applicants. Autentico, Bernabat, Soriano (2010) proposed an online job application system using PHP, Apache and MySQL. The project concluded that computer is becoming part of daily activities in the organization, especially for the applicants or employees. To address the situation, the proponents from UST will create a website using Angular.js, Java RESTful and MySQL that will allow students to apply directly to the partner companies that would be provided by the University for a faster and smoother application experience.

UST extends its service through a department called Santo Tomas e-Service Providers (STePs), in terms of technology and network. STePs is a support unit that provides information technology resources to the Thomasian Community that is considerably a contribution to a quality service. STePs offers different categories of services including, but not limited to, Network and Hardware Operations Services, Cabling Services, Software Development and Application Services, Licensing Services and Warehouse Services. These services could support a career website or any online career service that would contribute to the quality service from the first years to the last year of a student (steps.ust.edu.ph).

The reliability and integrity of information on career websites depends on the data being gathered by the host. As STePs is developing different softwares that will contribute in the quality of service, data that they use is stored in a licensed databased for its centralization. Students' information that are encoded by authorized personnel is stored in a database that can be linked on another software or new developed system for information referencing. Student number of a student is a good example of information that is stored in the database documented

together with student's other personal information like name, address, contact information and etc. A good example of website that is being hosted by STePs is the UST Student Portal. UST Student Portal is a webpage where students usually view their grades from enrolled courses. Another function of this is the viewing of accounts payable of a student. Accounts payable that are being encoded or being computed in the system by other support unit of the University is being stored in the database for viewing references. All information students' information that should be viewed in this portal is coming from the data that was encoded by the authorized personnel of UST.

The programming language used by MyUSTe is Java. It was originally called OAK. It is a programming language and computing platform first released by Sun Microsystems in 1995 (java.com). Java is an object-oriented language similar to C++, but simplified to eliminate language features that cause common programming errors (webopedia.com). Javacan be used to create complete applications that may run on a single computer or be distributed among servers and clients in a network. It can also be used to build a small application module or applet for use as part of a Web page (Rouse, n.d).

The proponents will develop a modern java web application using AngularJS that is integrate with Java EE7 RESTful Web services. AngularJS is an open-source web application framework maintained by Google and a community of individual developers and corporations to address many of the challenges encountered in developing single-page applications ("AngularJS," 2015, para. 1). The web application framework is a complete solution for rapid front-end development that requires no other plugins or frameworks to build a data-driven web application (Conrad, 2012). AngularJS allows the proponents to extend the capabilities of HTML to serve the purpose of today's dynamic web pages (Sopylo, 2014).

For the proposed website's features to function, JavaScript will be used by the proponents for its implementations allow client-side scripts to interact with the user, control the browser, communicate asynchronously, and alter the document content that is displayed ("JavaScript," 2015, para. 1). JavaScript is a programming language is mostly used for creating web application and designing interactive web pages. Netscape Communications Corporation was the first to implement the language in their 1995 Netscape Navigator 2 beta (JavaScripter.net). JavaScript enables web authors to interact with the source code of the HyperText Markup Language (HTML) for customizability of a website with dynamic content (webopedia.com). The programming language is also recognized for being capable of complex calculations and interactions, including closures, anonymous (lambda) functions, and metaprogramming (Zakas, 2011).

The proponents will use Java EE 7(Enterprise Edition 7). Java EE is a widely used platform containing a set of coordinated technologies that significantly reduce the cost and complexity of developing, deploying, and managing multi-tier, server-centric applications (netbeans.org). Java EE is developed using the Java Community Process, with contributions from industry experts, commercial and open source organizations, Java User Groups, and countless individuals. Each release integrates new features that align with industry needs, improves application portability, and increases developer productivity (oracle.com).

The proponents will be use RESTful web service.Representational State Transfer (REST) was first introduced by Roy Fielding in his thesis "Architectural Styles and the Design of Network-based Software Architectures" in 2000 (Gunasekara, 2013). REST is an architectural style for creating, maintaining, retrieving, and deleting resources. REST's information-driven, resource-oriented approach to building web services can both satisfy your software's users (Sletten, 2008).

MySQL is a freely available open source Relational Database Management System (RDBMS) that uses Structured Query Language (SiteGround.com). The database was founded by Michael Widenius (Monty), David Axmark and Allan Larsson in 1995. It was later on acquired by Sun Microsystems in 2008; Sun was in turn acquired by Oracle Corporation in 2010 (wikipedia.org). MySQL is a client/server system. There is a database server (MySQL) and arbitrarily many clients (application programs), which communicate with the server; that is, they query data, save changes, etc. The clients can run on the same computer as the server or on anothercomputer(Kofler,2007).

Oracle is the database being used by the University of Santos Tomas. It is the first database designed for enterprise grid computing, the most flexible and cost effective way to manage information and application (docs.oracle.com). Based in Redwood, California, Oracle Corporation is the largest software company whose primary business is database products. Historically, Oracle has targeted high-end workstations and minicomputers as the serverplatforms to run its database systems. Its relational database was the first to support the SQL language, which has since become the industry standard. Along with Sun Microsystems, Oracle has been one of the leading champions of network computers (Beal, n.d)

The proponents' goal for their capstone project is to develop a career service website with the help of guidance department which will be used by the IICS graduates of UST. The guidance and counseling office offers individual attention in dealing with a situation that may affect student life in college. It helps students cope with the present or plan the limit their weaknesses, explore things about themselves that they might like to change or improve ("Student Handbook," 2008, p.44).

Synthesis

Table 2.1

Synthesis

Author(s)	Title	Summary	Relation
Abrugar (2011)	Job Portals and Websites in the Philippines	A list of popular employment websites in Philippines by	The proponents researched for these website to get an idea of what functionality should the proposed website have.
Autentico, Bernabat, Soriano (2010)	Online Job Application System for Rational Merchandising Concepts Inc	Online Job Application System for Rational Merchandising Concepts Inc is a system where in the management will have an easier access on every detailed information of their applicants	Online Job Application System for Rational Merchandising Concepts Inc is a project that has some similarities to what the proponents are doing.
Conrad (2012)	3 Reasons to Choose AngularJS for Your Next Project	AngularJS is quickly becoming the dominant JavaScript framework for professional web development.	Angular.js is arobust, well-maintained framework for any sized project that will help the proponents in developing theweb application.
Gunasekara (2013) and Sletten(2008)	RESTful Web Services with Java	Representational State Transfer (REST) is an	The article proves that the services with RESTful will suit the

		architectural style that specifies constraints, such as the uniform interface, that if applied to a web service induce desirable properties, such as performance, scalability, and modifiability.	functions and features of the career website being developed.
GMA Network(2012)	Online Survey to Assess Employability of PHL College Grads	The study is on CHED's Agendas list for accomplishments in partner with other graduates of unversitites. Theemployability rate shall be measured per university and per course through a Graduate Tracer Study.	The article shows that statistics on the employability rate specifically for UST Information Technology has not yet been released as the study is still on going.
Inquirer (2015)	UST holds Job Fair	The annual job fair program of University of Santo Tomas gives the students the opportunity in the employment market.	There is some connection between UST and other companies during the said event.
Jobstreet (2015)	Employers Looking for Actual Work Experience from Fresh Graduates	The article talks about what employers want from fresh graduates and what universities are prioritized in	The article proves that UST is the second prioritize university in hiring in behind the University of the Philippines

		employment.	
Johnson (2003)	Special Services. In Distance Education: The Complete Guide to Design, Delivery, and Improvement	There are advantages of career services such as helping students plan their career and looking for a productive employment,	The proponents will know the scope of the development that will implemented with the help of the companies.
Jordan (2010)	Investigating Your Career	To be successful in one's career, you need to find out your interest, values and skills	In relation to the article, the proponent's will identify the main focus or scope of the proposed career portal
Kofler, (2007)	What are the top MySQL features? What is MySQL?	Platform flexibility is a stalwart feature of MySQL with all flavors of Linux, UNIX, and Windows being supported. And, of course, the open source nature of MySQL allows complete customization for those wanting to add unique requirements to the database server	The database thatthe proponents will be using on the proposed website will be compatible with database being used by the MyUSTe.

Philippine Survey	2015 Top 12 Universities In The Philippines	It is an article that shows a list of 12 universities which fresh graduates are preferred by employers.	This shows that the employability rate of UST fresh graudates compared to others.
QS Worldwide University Ranking	QS Stars University Ratings	QS Stars is a rating system which allows students to get a wider picture of an institution's qualities, looking at everything from the employability of graduates, to sports facilities and community engagement	The quality of education, provided to students, is an advantage for the students to market their selves in the companies.
Rouse, M.	What is Java?	Java is a programming language expressly designed for use in the distributed environment of the Internet. Applets make it possible for a Web page user to interact with the page.	Since STePs use java in UST's website, the proponents will use Java for the deployment and development of the Career Portal
Sopylo (2014)	Extending HTML with AngularJS's Directives	AngularJS's directives are a powerful tool for any web developer. You can create a set of	The article givesthe proponents the idea on how to use AngularJS's Directives to make

		your own directives to simplify and boost your developing process	the wesbsite's development faster, easier, and maintainable.
Tatnall (2005)	Web Portals: The New Gateways to Internet Information and Services	The integrity and convenience of a web portal lies in its reliable resources.	The web portal will be very convenient for the students to use while also having reliable contents.
The UST Guidance and Counselling Services. (2008)	In Student Handbook	Guidance Department are the ones in charge for the career development or for guidance for career planning of the students	The guidance departmenthas a major role in helping the proponents create a website that will help the students find the right career path.
Zakas (2011)	Professional JavaScript for Web Developers	A scripting language designed to interact with web pages.	The article proves that JavaScript is capable of creating features for the proposed website.

Chapter 3

Technical Background

Methodology
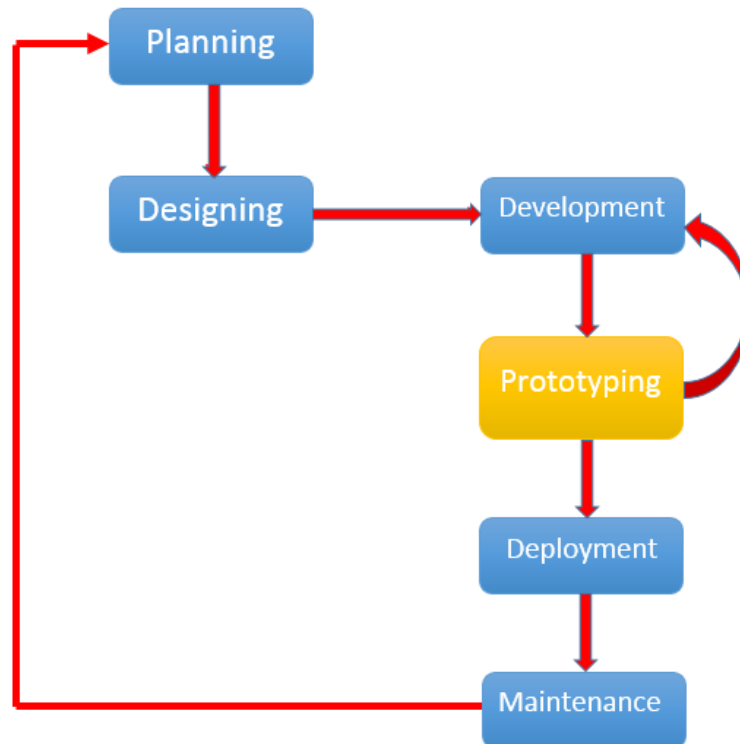
Figure 3.1
Agile Approach Diagram

The proponents have decided to use the agile development approach for continuous development of the website. Inline with the development, the team will also use the scrum method where all components of the project will be divided to smaller segments called sprints. This will allow the proponents to develop the website in a number of ways depending on the needs and interests of the user. Face-to-face communication and continuous inputs from client representatives will leave no space for guesswork. This will require constant planning, designing

and developing varying from the demands of the client. This method is flexible which makes it easier to cope-up with sudden changes or shift in the project flow.

Design Methodology

The proponents will use the descriptive method approach used for determining systematic collection of information requires careful selection of the units studied and measurement of each variable in order to demonstrate validity, this is also used to have concrete facts that can be benefit for the researchers

For the hardware materials, the proponents will be considering the number of computers they are planning to use in coordination with the guidance department. For the software, the computer specifications and Internet speed will be the factors that needs to be considered.

The proponents will also use both qualitative and quantitative kind of approach, but with more focus the quality because it focuses on more on the fulfilling the objective since the team is planning to make only one website. On the quantitative part the team needs to research on how many students will benefit from the website and the employment rate of fresh graduates of UST. Statistics would be gathered with the help of the guidance department.

Requirements Analysis

Table 3.2

Functional Requirements

No	Requirement
FR1	User login needed to access website
FR2	System must be able to search for a company by its job position, location, or skill

FR3	User able to edit the portfolio section for information sending purposes
FR4	Display a list of companies a student can apply to
FR5	Display the announcements from the guidance departments
FR6	Display links of articles with topics relating to careers
FR7	Display relevant information of a company with its job requirements
FR8	Convert profile into word or pdf file
FR9	Admin able to add, edit, or delete a company profile
FR10	Admin able to add, edit, or delete announcements
FR11	Admin able to add, edit, or delete job post

Table 3.3

Non-Functional Requirements

No	Type	Requirement
NFR1	Stability	Continuous operation by the website as long as UST host website is Online.
NFR2	Privacy	The student can only access his/her profile.
NFR3	Portability	Can be used on any computer platform as long as there is a stable internet access.
NFR4	Security	User authentication and authorization.
NFR5	Audit Trail (logs)	Each database table record needs to have record created for date/user and a record modified user/date

System Requirements
·Processor: i5-i7 Intel Core Processor

·RAM: 4gb-8gb

·Graphics: NVIDIA Graphics and Intel HD Graphics: Display: 13" and 15.6"

·Internet Connection

Software Specifications

·Operating System: Preferrably Windows 8.1 Pro and Mac OS X Yosemite

·Web Browsers: latest versions of Safari, Google Chrome, Mozilla Firefox and Internet Explorer

Planning

The proponents went to the head guidance office of UST to ask for some specific requirements on what contents will be included in the website. This is also where the group discussed about the pros and cons of their desired website. During the discussion, it was agreed that MyUSTe will be the host website for linking the proposed website. The group then inquired their technical adviser on what available technologies are feasible to use in creating the website. With coordination with STePS, the team must use the same database as UST. For the framework, the proponents will use Angular.JS, JAVA RESTful and mySql so that they can connect it with the oracle database which holds all student profiles.

Designing

The proponents will search for websites such as jobstreet.com,monster.com and Gurus Patio to help form some parts of the website. Having consultations with the guidance department gave the group an idea of what the career service website should look like. It was agreed there that the website will have some aesthetics of the university's OFAD website while incorporating features such as a search functionality to find a job that matches the user's entered job position, location, or skill. Designing an user interface that will be easy to use for both students and admins. The Gurus Patio is a website that is for faculty members, much like the ELEAP for students. It allows the faculty member to login their account, look at their

payroll,evaluate co-workers, students and edit their profile. The proposed project will have some similarities from Gurus Patio.

Development

Everyone in the group would be given even shares of workloads or shifting hours on hard coding. The group will have meetings with the guidance department to view the progress of work. The guidance department will provide some company information for the website. The technical adviser will guide the group in creating the website.
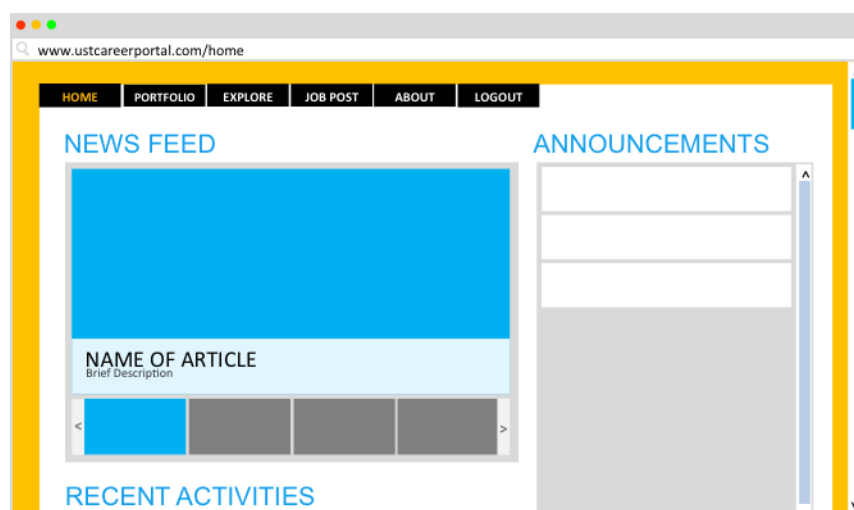
Prototyping

Figure 3.4
Home Section

Figure 3.4 shows the overview of the proposed website. The site has six sections namely home, portfolio, explore, resume, about and logout. All relevance information such as the newsfeed articles, announcements, and recent activities are in the home page.
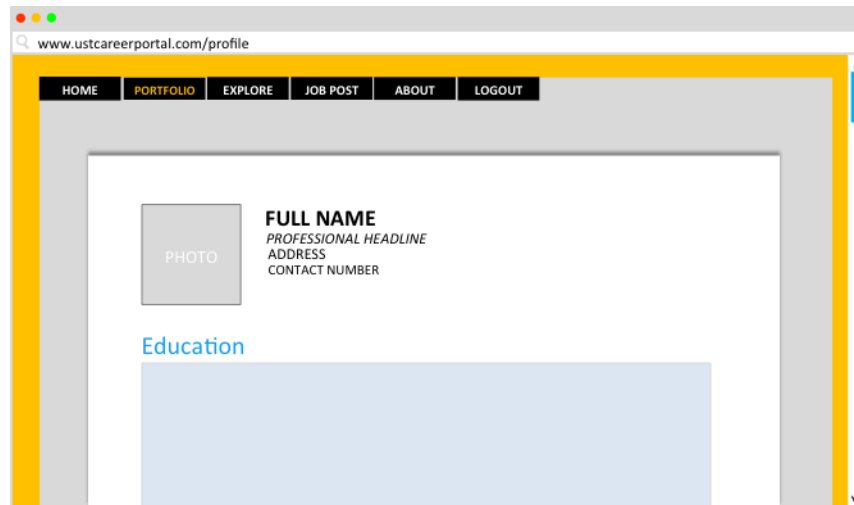
Figure 3.5
Portfolio Section

Figure 3.5 shows a few personal details of a person like including their full name, professional headline, address, and contact number. The rest of the page is covered with editable details like their skills, awards, certificates, experiences, and other information that might be relevant to their application.
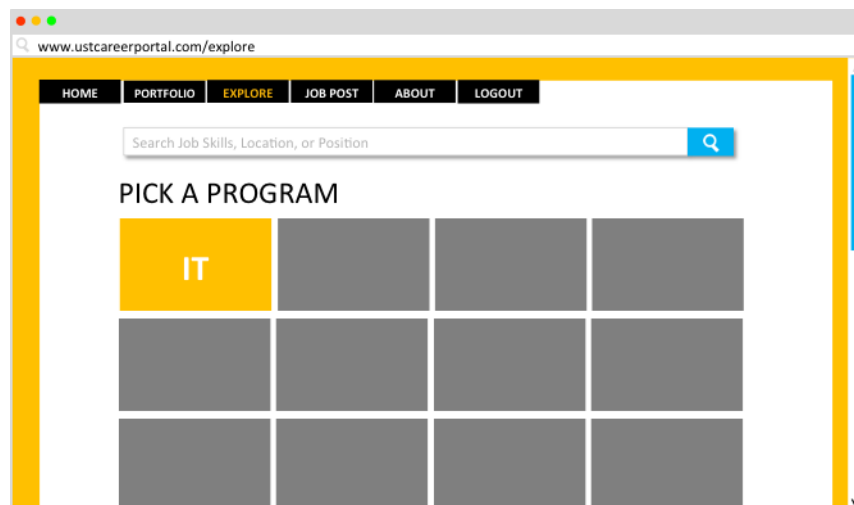
Figure 3.6
Explore Section

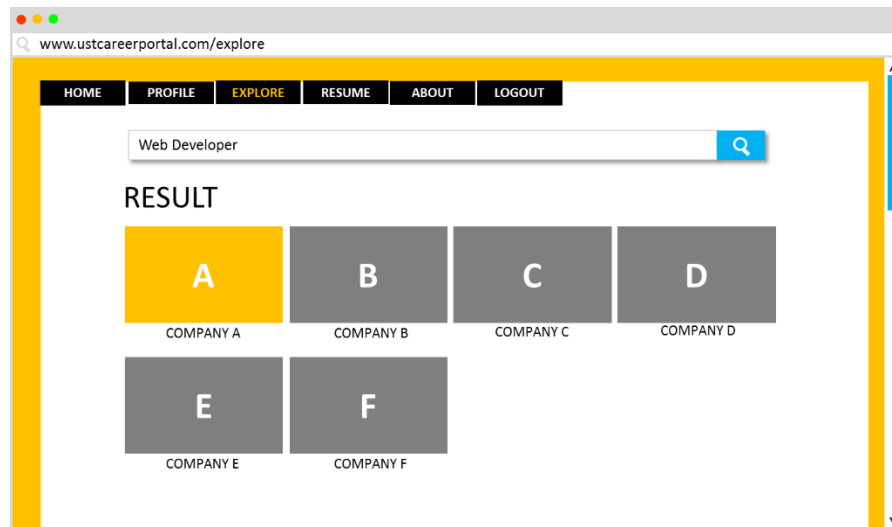Figure 3.6 shows the programs which contain the company's information that has job opening for the specified field.

Figure 3.7
Search Functionality

Figure 3.6 shows search functionality of the website which will be used to search for the job position, skill, or location that could help the user in narrowing down their choices. The result shows a list of company that has the job position, skill, or location in alphabetical order.
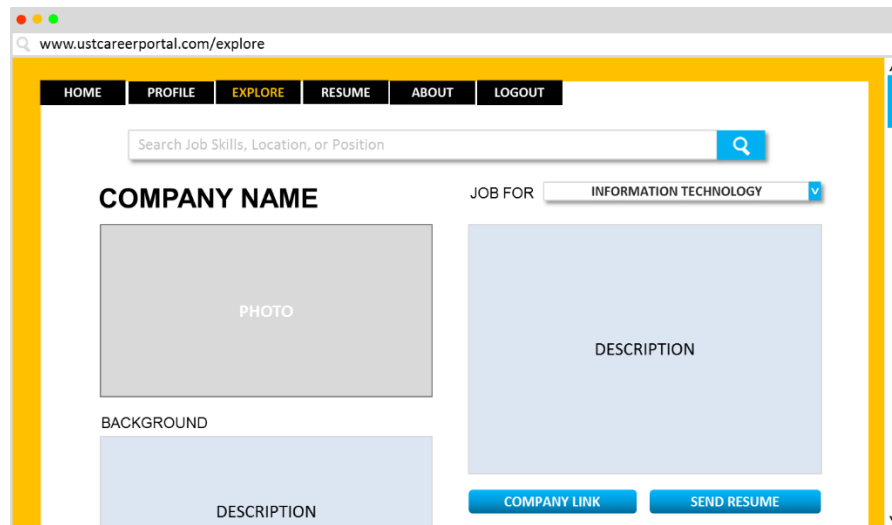
Figure 3.8
Company's Page

Figure 3.8 shows the company's page within the website. The companies specified within the website will have the same picture, background, and job position format to make searching more coherent. The website will provide the user with two options to apply for a job. One will be a button that will let the user send his/her resume to the company while the other option will be a button that will direct the user to the company's main website to further learn more about.
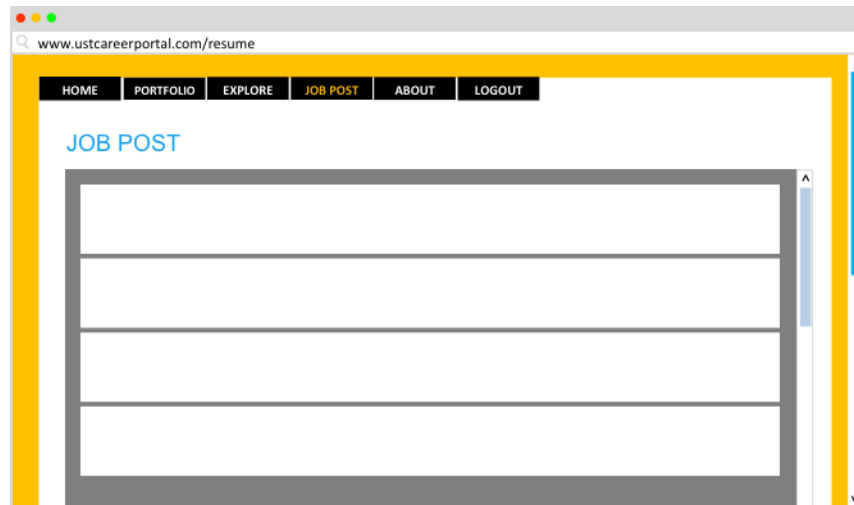
Figure 3.9
Job Posts Section

Figure 3.9 shows the job posts section which provides some up-to-date information about recent job openings of a company whether employment or internship.
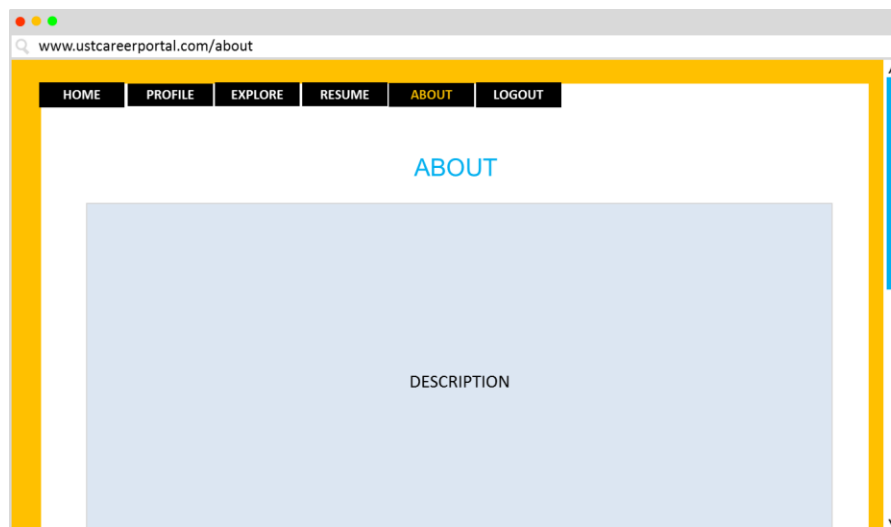

Figure 3.10
About Section

Figure 3.10 shows the about section which contains information about the website and its developers. It also includes some frequently asked questions and instructions about the website.
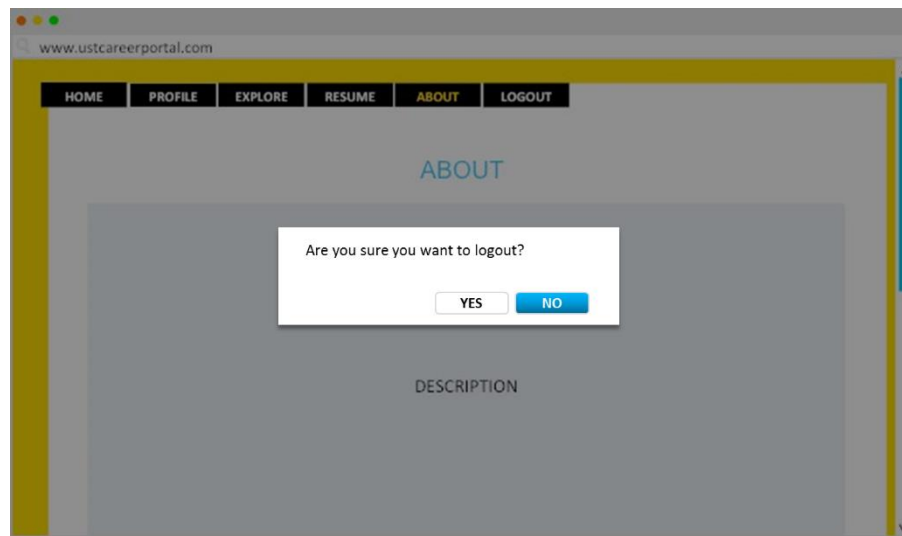

Figure 3.11
Logout Section

Figure 3.11 shows a page being logged out. This process is done by clicking the logout section and then clicking "yes." The website is redirected to the login page of the website.
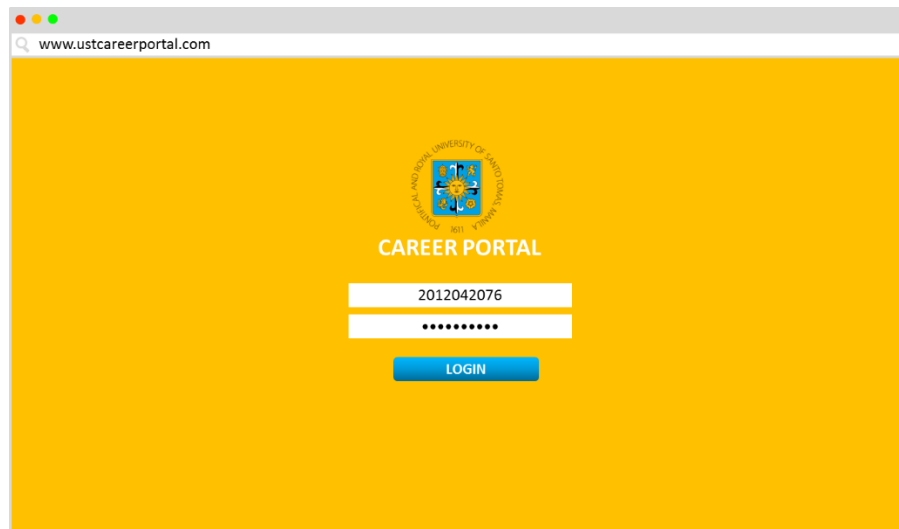
Figure 3.12
Login Page

Figure 3.12 shows the login page where the user would use in accessing the site. The user must input both their student number and password.
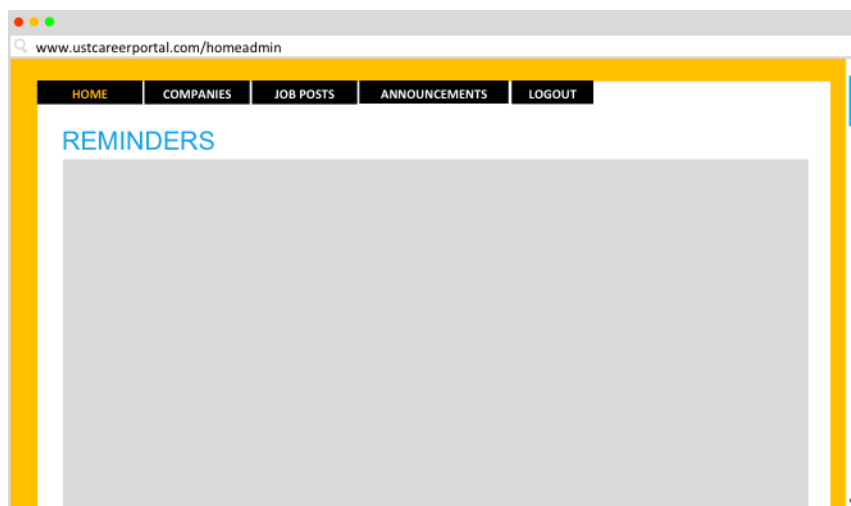

Figure 3.13
Admin Home Page

Figure 3.13 shows the admin home page where there is a reminder section for the user on how to use the features.
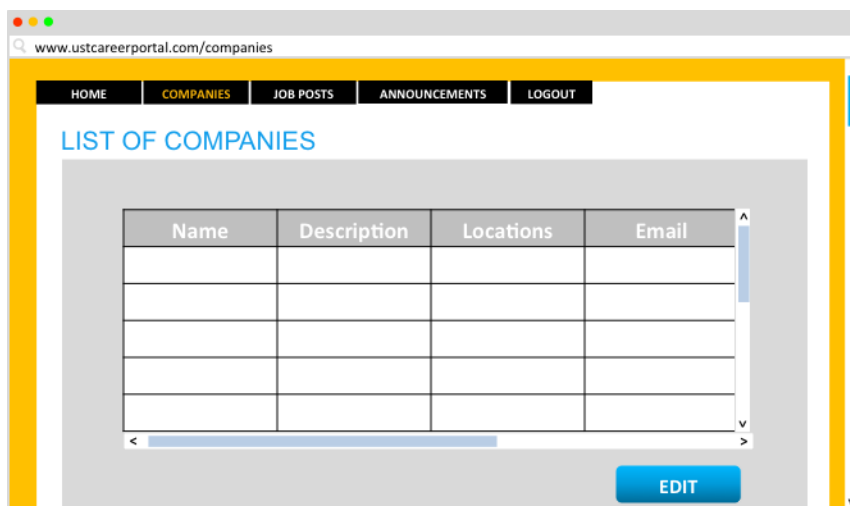

Figure 3.14
Companies Edit Page

Figure 3.14 shows a list of companies and some default information such as the name, description, location, and email. The edit button will let the admin add, edit, or delete a company in the list.

Deployment and Maintenance

The administrators in the Counseling and Career Development Center would keep updates and maintenance of the website after the proponent's completion of the project. Any problems that the team will encounter after deployment will lead back to planning for future updates to prevent further user dissatisfaction.

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