**Computech Corporation: Enhanced Job & Candidate Application**

**Project Overview:**

Computech Corp has an existing Recruiting Management System called Pinpoint which is used by recruiting team and management. This project will create a new web application which will interact with the existing Pinpoint application for job searches. The targeted audience is Wayne State University students interested in internships and IT positions at Computech.

**Project Purpose, Scope and Objectives:**

The goal of this project is to create a web application where Wayne State Students can search for jobs based on their skill sets.

Users can login into a secure portal where they can access their saved data such as email address, experience, etc. They can filter the job searches based on specific criteria which will narrow the search results of the available jobs. Students can apply to the jobs that they are interested in. To apply, users can either manually enter their data or populate the fields from their user profile.

The web application is not specific to a particular device and needs to be compatible with smartphones, tablets and desktop.

**Team Organization:**

* Simul Kadakia – Team Lead
* Gagandeep Singh
* Wesley Trescott

**Problem Resolution Policies:**

The team will implement collaborative problem solving technique. If a problem arises in the project, team will:

* Define the problem
* Identify alternative methods to resolve the problem
* Select the best alternative to resolve the problem
* Plan the implementation and verify if the problem has been resolved.

In case, a team member doesn’t produce work before the deadline set by team lead, team lead will contact the responsible team member about the issue and notify instructor and assigned TA about the situation.

**Project Plan (iterations, project schedule):**

**The project will be implemented in three phases.**

Phase 1:

* Iteration 1:
  + Create database design.
  + Design the layout of the website.
* Iteration 2:
  + Implement basic function.
  + Implement testing.

Phase 2:

* Implement filtering functions.
* Implement data mining techniques to retrieve results based on user input.
* Implement testing.

Phase 3 (Final Phase):

* All features implemented successfully.
* Rigorous testing.
* Deployed on Computech Server.

There will also be a weekly client meeting.

**Configuration management plan:**

Based on the meeting with the client, we will be using GitHub to maintain the code. Each member will have a separate branch to maintain their own code. We will merge the code on a weekly basis and determine if any new issues are produced.

**Technologies:**

Technologies were pre-determined by the client.

* Microsoft ASP .NET 4.5 (MVC, Entity Framework, LINQ)
* Microsoft SQL Server
* Visual Studio
* C#, JavaScript (jQuery), CSS, HTML (Razor)