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**SOEN 6011**

Software Process Team Project (Summer 2022)

**Title: Career Services Application**

**Group: Solvers**

[**GIT Link for the Project**](https://github.com/harshchauhdary/Solvers-Soen6011summer2023/)

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## Project Definition

The objective of this project is to provide a career services platform where the students (people looking for jobs) will be able to post and update their portfolio and the employers should be able to post jobs. With the help of this, you can carry out a job head hunting in your own comfort. This benefits job-seeking candidates and employers to shortlist their potential job and employee respectively. This can also help employers find specific candidates as per their requirements along with job seekers being able to tailor their profile as per the market..

## Team members and Roles

| **Role** | **Name** | **Student ID** | **Email** | **Contact** |
| --- | --- | --- | --- | --- |
| Project Manager | A K M Saifun Nabi | 40222168 | shabuj@gmail.com | 5145180474 |
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## Project approach and technologies

We will use Agile Project Management with Scrum methodology for our project. Our total project work is divided into short cycles known as “sprints”. Tasks for each sprint is taken from the product backlog for each sprint iteration.

We will use the following development tools to develop the System.

| **Tools** | **Name** |
| --- | --- |
| Product Management | Azure Devops |
| Programming Language | Python |
| Framework | Flask |
| Web Technology | HTML5, CSS3, jQuery, AJAX |
| Database | PostgreSQL |
| Version Control | Git |
| IDE | PyCharm |
| Operating System | Windows |
| Application Server | Gunicorn |
| Testing | PyTest |

## User Stories Backlog with Task Breakdown

| **Sprint** | **User Story/Product backlog** | | **Tasks (effort hours)** | **Total Hours** |
| --- | --- | --- | --- | --- |
| Sprint 1 | 1 | As an admin I want to add new employer or candidate so that they login to the system to perform their task | a) Code UI (6) b) Design Database (1) c) Write Test Fixtures (2) d) Code Backend (8) 3) Write tests(1) | 18 |
| 2 | As a candidate, I want to create my profile so that I can apply to jobs. | a) Code UI (6) b) Design Database (1) c) Write Test Fixtures (2) d) Code Backend (8) 3) Write tests(1) | 18 |
| 3 | As an employer I want to create my profile so that I can post jobs. | a) Code UI (6) b) Design Database (1) c) Write Test Fixtures (2) d) Code Backend (8) 3) Write tests(1) | 18 |
| 4 | As an admin I want to view or modify all the users in the system so that I can maintain the system | a) Code UI (5) b) Write Test Fixtures (2) c) Code Backend (2) d) Write tests(1) | 10 |

## Open Issues

As we did not do any development in Sprint 1, so all the use stories will be developed in Sprint 2.