Software Construction & Development
Section A, Fall 2023
Assignment 2

Due Date: Tuesday, October 17, 2023

Resource / Task Allocation

Implement GUI(s) for the task and resource allocation matching system built in Assignment-1. The following requirements are mandatory:

1. A form to add Resources / Applicants. Each resource has a name and skill-set, where each skill has name and years of experience. A mockup is suggested below:

Resource: _____ [Add]	Skill: _____ Experience: _____ [Add]
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Ahmed	Java
Ayesha	Javascript
Ali	Python
Salman (currently selected)	
Sara	

Skill values with experience:

	Experience
Java	4
Javascript	2
Python	2

2. A form to add tasks and required skill-set along with skill level: beginner (b), intermediate (i), expert (e), etc. A mockup is suggested below:

Task:_____ [Add]	Skill: _____ Level: [select option_v] [Add]
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Web Development	Python Expert
Data Analytics (currently selected)	Javascript Intermediate
System Programming	

3. A form for skill matching based upon strategies. A mockup is suggested below:

(*) Exact Match	( ) Skill-only Match	[Generate]
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Web Development		
Data Analytics	Sara	
System Programming	Ayesha	