**PART-1**

1. **How might you use a portfolio for the benefit of self-promotion?**

A portfolio can be used in following ways for the benefit of self-promotion:

* Represent my best work (showcase project that best represent my skills and expertise).
* Use testimonials and endorsements (endorsements can be added from clients, or colleagues)
* Demonstrate growth and development (include projects showcasing progression and learning with the passage of time)
* Keep the portfolio updated

1. **How might you mitigate risks while maximizing the marketing Potential of the portfolio?**

Risks of the portfolio can be mitigated by the following way:

* I would not exaggerate roles in project and be truthful about my achievements and contributions.
* I would avoid sharing confidential information
* It would be ensured that there is no grammatical error and all of the images or documents added are of high quality.
* To prevent data loss, I would implement regular backups.

1. **Describe possible downsides or risks portfolio?**

Possible downsides or risks associated to portfolio include:

* Competitors get understanding of our strategies and methods
* Privacy concerns
* Intellectual property theft
* Poorly presented work or outdated work can affect the professional image badly.

**Part 2**

|  |  |  |  |
| --- | --- | --- | --- |
| **Checkpoint** | **Software design and engineering** | **Algorithms and data structures** | **Databases** |
| **Name of artifact used** | Task management system | Merge Sort visualization | Inventory Management system |
| **Status of initial enhancement** | Completed | Working | Working |
| **Submission status** | Not submitted | Not submitted | Not submitted |
| **Status of final enhancement** | Working | Working | Working |
| **Uploaded to eportfolio** | Not yet | Not yet | Not yet |
| **Status of finalized ePortfolio** | Completed | Completed | Completed |

**Software engineering and design**

**Update**

The enhancement required was addition of data. Data was added to the artifact as initial enhancement.

**Algorithms and data structures\**

The enhancement required was to insert data. Some data has been added while some data is still needs to be added to complete the initial enhancement.

**Databases**

The enhancement required was to create element and to make visualization. No work has been done as part of initial enhancement under this category.