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CS-499

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Journal Entry for ePortfolio Development

Part One-

**1. How might you use an ePortfolio for the benefit of self-promotion?**  
An ePortfolio is an excellent tool for showcasing professional skills, knowledge, and accomplishments in a structured, visually appealing format. By including projects, artifacts, and narratives, it demonstrates technical expertise and the ability to apply knowledge to real-world problems. During an interview or job application, an ePortfolio can help create a memorable impression by providing a concrete, interactive representation of capabilities, allowing potential employers to explore completed projects and achievements in detail. This builds credibility and highlights strengths effectively.

**2. How might you mitigate risks while maximizing the marketing potential of the ePortfolio?**  
To mitigate risks and maximize its value, an ePortfolio should focus on presenting public, non-proprietary artifacts and ensure intellectual property is protected. Sensitive or confidential project details should be excluded, and non-disclosure agreements should be respected. Additionally, the content should be tailored to the intended audience, emphasizing relevant skills and experiences for specific industries or roles. Secure platforms with access control options can further protect the content while allowing selective sharing with prospective employers.

**3. Describe possible downsides or risks—for instance, the risks of posting intellectual property online for public consumption.**  
A major risk of an ePortfolio is exposing intellectual property or proprietary work to public consumption, which may lead to unauthorized use or replication. There is also a risk of sharing outdated or incorrect information that could misrepresent skills. Furthermore, poorly designed or unprofessional ePortfolios could harm credibility rather than enhance it. Maintaining up-to-date, accurate, and professional content is critical to mitigating these risks.

**4. Which course outcomes have you achieved so far, and which ones remain?**

* Achieved Outcomes:
  + Demonstrated the ability to design and evaluate computing solutions, as seen in the enhanced *Inventory App* artifact.
  + Applied secure coding principles and user-centered design practices in software engineering.
  + Utilized algorithmic principles and database management in the development process.
* Remaining Outcomes:
  + Further refinement of database integration for advanced functionality.
  + Completion of enhancements for algorithms and data structures.
  + Final organization and upload of the ePortfolio to a professional platform.

Part Two:

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| --- | --- | --- | --- |
| **Status Checkpoints** | **Software Design** | **Algorithms** | **Databases** |
| **1** Artifact Selected | CS360 – Inventory App | IT145 – Zoo Monitor  System | CS340 – Salvare Search  Web App |
| **2** Working on Initial Enhancement | * Complete forgot password feature in LoginActivity. * Complete coding on ItemActivity user CRUD features. | * Complete pseudocode development. * Complete coding module for animals monitoring. * Complete coding   module for habitats monitoring. | * Complete setting local Windows environment. * Complete testing   functionality of interface with python  libraries and framework.   * Setup of MongoDB database. |
| **3** Submitted: Awaiting  Instructor  Feedback | Submitted | Not started | Not started |
| **4** Working on Final Enhancements | Adding an overall comment about JAVA code files functionality. | Not started | Not started |
| **5** Uploaded to  ePortfolio | In progress | Not Started | Not Started |
| **6** Finalized ePortfolio Entry | In progress | Not Started | Not Started |