**CS246 – Software Design and Development**

**W14-Prove: Individual Project Report**

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| **Name:** |  |
| **Teacher:** |  |
| **Section:** |  |

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Team Project Summary

1. Provide a summary of your team project in the table below:

|  |  |
| --- | --- |
| **Team Name** |  |
| **Project Name** |  |
| **Public GitHub Repository** |  |

1. Provide an assessment of the contribution and participation of each member of your team (including yourself). This is a confidential assessment that is used to adjust grades for each individual.

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| --- | --- | --- |
| **Team Member Name**  (list everyone including yourself) | **Ranking – Answer 1 to 4 where contribution and participation was:**  **1 = … little or none**  **2 = … less than others on the team**  **3 = … equal to others on the team**  **4 = … more than others on the team** | **Comments**  (provide an explanation of your assessment) |
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1. Summarize what you learned about working in a team and how you might change the next time you work in a team.

Course Goals Survey – Revisited

At the beginning of the course, you completed the Course Goals Survey. You will now complete the same survey again. At the end, you will be asked to observe what has changed since the beginning of the course.

1. Current Knowledge – Rank your current knowledge in each of these areas.

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| --- | --- |
| **Skill** | **Ranking – Answer 1 to 3 where**  **1 = I haven’t learned this yet**  **2 = I know some but not effective yet**  **3 = I can use immediately if my employer asked me to** |
| **Write C++ Code** |  |
| **Write Java Code** |  |
| **Write Kotlin Code** |  |
| **Write Python Code** |  |
| **Write Rust Code** |  |
| **Write software to analyze data (e.g. statistics)** |  |
| **Store and use data in a cloud database** |  |
| **Store and use data in a SQL database** |  |
| **Create a game using a game platform** |  |
| **Create a map to convey information using a GIS library** |  |
| **Create a networking application (client/server or peer to peer)** |  |
| **Create an Android App** |  |
| **Create a Web App with platform like Django** |  |
| **Create an Adaptive App that can be hosted on a phone or the web.** |  |

1. Current Interests – Rank your current interest in each of these areas.

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| **Skill** | **Ranking – Answer 1 to 3 where**  **1 = Not interested**  **2 = Interested to continue learning for personal development**  **3 = Very Interested to continue learning to support a career using this skill.** |
| **Write C++ Code** |  |
| **Write Java Code** |  |
| **Write Kotlin Code** |  |
| **Write Python Code** |  |
| **Write Rust Code** |  |
| **Write software to analyze data (e.g. statistics)** |  |
| **Store and use data in a cloud database** |  |
| **Store and use data in a SQL database** |  |
| **Create a game using a game platform** |  |
| **Create a map to convey information using a GIS library** |  |
| **Create a networking application (client/server or peer to peer)** |  |
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1. Current Learning Skills – Rank your current capability in each of these learning skills. You should be intentional this semester to work on one or more areas that you ranked lower.

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| **Skill** | **Ranking – Answer 1 to 3 where**  **1 = I don’t do this**  **2 = I do this sometimes**  **3 = I do this frequently (more than I used too)** |
| **RESEARCH** |  |
| **I use multiple sources of information.** |  |
| **I document what I am learning.** |  |
| **I prepare well thought out questions.** |  |
| **I use the scientific method (research, hypothesis, experiment, and conclusion) to solve computing problems.** |  |
| **I share what I am learning with others (i.e. collaboration).** |  |
| **I actively invite the Holy Ghost to support my learning.** |  |
| **TIME MANAGEMENT** |  |
| **I manage my time between all my responsibilities.** |  |
| **I effectively estimate task duration for assignments and projects based on my previous performance.** |  |
| **I create a schedule for all assignments and projects.** |  |
| **RISK MANAGEMENT** |  |
| **I always start with identifying what I don’t know.** |  |
| **I effectively identify what could fail based on my previous experiences.** |  |
| **I create mitigation plans for risks related to missing knowledge or potential failures.** |  |
| **CONTINUOUS IMPROVEMENT** |  |
| **I honestly identify the mistakes I have made in my work.** |  |
| **I develop improvement plans to support future assignments and projects.** |  |
| **I am driven by a vision of who I can become and personally created goals.** |  |

1. Describe how you have changed during the semester based on your previous and current responses to the Course Goals Survey.