**Personal Report**

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| **Name: Benjamin Teig** |  |
| **Project: Project 1A – Infix Expression Parser** |  |

**Write down each group member’s contributions in the project (excluding yourself):**

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| **Team Member Name:** \_\_Lauren Magee\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Contributions**  1. Created Error Check function to return expression errors before parsing\_\_\_\_\_\_\_\_\_\_\_\_\_  2. Documented Big O for functions she created\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  3. Wrote project documentation report\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **On a scale 1-5, rate this team member on the following:**  🗸 Meeting Task deadlines: \_\_5\_\_  🗸 Attending and contributing to project meetings:\_\_5\_\_\_  🗸 Having a positive attitude towards the team:\_\_5\_\_ |

**Write down your contributions to the project:**

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| 1. Created Evaluator function to handle the parsing and evaluation using stacks\_\_\_\_\_\_\_ |
| 2. Created functions to supplement Evaluator function \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. Created UML Diagram\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. Documented Big O for functions I created\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Write down what you learned:**

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| 1. I learned more about programming in a group environment where specific parts are reliant on certain people. |
| 2. I learned how to approach issues in new ways when I get stuck. Specifically, the evaluation of double character operators caused me to really think and find a reasonable way to evaluate these expressions. |
| 3. I learned how to create a UML diagram for a program. While I had learned about them before, I never had the opportunity to actually create one myself. |

**Feedback about the project (comments, suggestions for improvement, etc.)**

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| 1. I do not think that there is much to be improved on the project. It was an interesting challenge that I feel proud of accomplishing. |
| 2. If there is anything to suggest, I would say that having a type of recommendation as to how to handle special (unary or double character) operators may be beneficial. However, again, I think this was an integral part of the challenge that helped me expand my thinking process. |