# 

Auddard & Co.

9.20.23

MINUTES

# **Summary of Tasks/Deliverables**

**Deliverables:**

1. Common software engineering artifacts
   1. [Project management plan](https://docs.google.com/document/d/1E5Eo3TXDzkz4rapp7cAHbUlntVfbUvazfcmYS1q0U28/edit?usp=sharing)
   2. Requirements document
   3. Design document\*\*
      1. Seamlessly aligns with the specified requirements
   4. Test cases\*\*
2. Well documented C++ program that can evaluate arithmetic expressions with the specified operators and features
3. A user manual or README file explaining how to use the program, including examples

**Project Tasks:**

1. Expression Parsing:
   1. Implement a function to tokenize the input expression
   2. Create a data structure, such as a stack or a tree, to represent the expression’s structure
2. Operator Precedence:
   1. Define the precedence of the operators according to the PEMDAS rules
   2. Implement the logic to evaluate the expression while considering operator precedence
3. Parenthesis Handling
   1. Develop a mechanism to identify and evaluate expressions within parentheses
4. Numeric Constants:
   1. Recognize numeric constants in the input. Initially assume the input will be integers only. In the future, there may be a request to accommodate floating point input values also so you experience change requests and embracing changes
5. User Interface:
   1. Create a user-friendly and legible command-line interface that allows users to enter expressions and displays the calculated results
6. Error handling:
   1. Implement robust error handling to manage scenarios like division by zero or invalid expressions

**September 20, 2023**

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Meeting Commenced: 10:08 PM

Location: Zoom

Attendance:

* ~~Sriya Annem~~
* ~~Lauren D’Souza~~
* ~~Ella Nguyen~~
* ~~Morgan Nguyen~~
* ~~Audrey Pan~~
* ~~Tanu Sakaray~~

Additional Notes: N/A 100% attendance

**Meeting Goals/Agenda:**

1. Company Name:

* Auddard & Co.

1. Fill out [Roles, Responsibilities, Availability](https://docs.google.com/document/d/1niZmeGXzouhXFxShkxXYHgCAodgFbCcOA96yxg8VQck/edit?usp=sharing) (3.3)
   1. Assigned each member to a specific role, with listed responsibilities for only certain roles
   2. We will have to decide on specific responsibilities for the following roles: **Technical Lead (Ella)**, **Data Administrator/Quality Assurance (Tanu)**
2. Assign someone to create git repository

* Lauren created git repository
* Needs everyone’s emails
* Everyone has received invitation

1. Assign each member to specific sections of the Project management plan for them to fill out

* Section 1: Tanu
* Section 2: Sriya
* Section 3: Ella
  + 3.3 - For availability of each member, can use the When2Meet, if there are issues with that, we can send out a doc for everyone to fill out their availabilities
* Section 4: Lauren & Morgan
  + One of the longer sections, so it will be completed by two people
* Section 5: Audrey

1. Assign Project Tasks to each person

* Not going to be due on Sunday 9/24/23
* Task 1: Lauren
* Task 2: Sriya
* Task 3: Ella
* Task 4: Tanu
* Task 5: Audrey
* Task 6: Morgan

1. Determine schedule and due date for tasks (4.2.4) [When2Meet](https://www.when2meet.com/?21485910-chifT) schedule follow-up
   1. Will try to schedule a time on Sunday for us to review our finished Project management plan. Space for last minute clarifications if necessary.