

# Meeting Logs

## **Meeting 01:**

**WHEN:** 09/18/24 @ 3:30 PM

**PURPOSE:** Discuss project plans and documentation. Establish team roles.

**ATTENDANCE:** Aidan, Trey, Ellie, Charley

## **SUMMARY:**

Abishai was not present due to scheduling conflicts. Will work to find a better time for all group members.

Introduced ourselves to begin first meeting. Discussed programming language strengths, all attendees have the strongest background in Python.

Discussed best meeting days, Fri. @ 10:00-10:30 seems to be effective for 4/5 members.

## **TEAM ROLES:**

**SCRUM MASTER:** TBD

**PROJECT LEAD:** Trey Baptista III

**TECH LEAD (Lead programmer):** Charley Findling

**QA LEAD:** Ellie

**UX DESIGNER:** TBD

**CONFIGURATION MANAGER/ASSISTANT LEAD:** Aidan Prather

## **Project Management Plan Work Division:**

Section 1: Trey & Aidan

Section 2: Charley

Section 3: Ellie

Section 4: Ellie & Aidan

Section 5: Aidan

Planned to begin work on the Management Plan within the next week, filling out whichever sections can be completed at the time. Documentation work was divided between group members to better distribute the workload.

Confirmed all attendees have access to the GitHub and planned for each to upload their information to the member\_information folder.

Discussed programming details, informing others about the C++ Bootcamp provided within the EECS KU wiki to better familiarize ourselves with the language.

## **Meeting 02:**

**WHEN:** 09/20/24 @ 11:00 AM

**PURPOSE:** Assign all members a team role, finish dividing project plan, and make sure everyone has access to the GitHub

**ATTENDANCE:** Aidan, Abishai, Ellie, Charley

## **SUMMARY:**

Trey was not present due to being out of town. The best solutions for meeting times entail 2 meetings a week, each with 4/5 members present.

## **\*NEW\* TEAM ROLES:**

**SCRUM MASTER:** Aidan Prather

**PROJECT LEAD:** Trey Baptista III

**TECH LEAD (Lead programmer):** Charley Findling

**QA LEAD:** Ellie

**UX DESIGNER:** Abishai Mathai

**CONFIGURATION MANAGER/ASSISTANT LEAD:** Aidan Prather

## **Project Management Plan Work Division:**

Section 1: Trey & Aidan

Section 2: Charley

Section 3: Ellie

Section 4: Ellie (4.0-4.3) & Abishai (4.4-4.8)

Section 5: Aidan

Discussed what a final product might look like in terms of GUI and development. Abishai is most familiar with C++, so he plans on helping with code is needed.

Made sure everyone had access to the GitHub, planned to finish the project plan by the following week.

## **Meeting 02:**

**WHEN:** 09/27/24 @ 11:00 AM

**PURPOSE:**

**ATTENDANCE:** Aidan, Abishai, Charley, Ellie

**SUMMARY:**

Trey Was absent due to scheduling conflicts.

Discussed team names, decided on ByteMath. Our product name is the AEE (Arithmetic Expression Evaluator)

Discussed finishing touches on the project plan.

**Meeting 03:**

**WHEN:** 10/9/24 @ 3:30 PM

**PURPOSE:** Discuss project assignment 2

**ATTENDANCE:** Aidan, Trey, Ellie, Charley

**SUMMARY:**

Discussed the quiz taken in class.

Divided the work for the software requirements document. The work will be completed as follows:

Section 1: Trey

Section 2.1-2.2: Ellie

Section 2.2-2.6: Abishai

Section 3: Aidan

Section 4: Charley

Section 5: Everyone?

**Meeting 04:**

**WHEN:** 10/16/24 @ 5:00 PM

**PURPOSE:** Discuss project assignment 2

**ATTENDANCE:** Everyone

**SUMMARY:**

Distributed all the work for project assignment 3. Each member will take a section of the document to complete. Plan to have several modules within the implementation that will each handle a certain part of the program, such as GUI, input, evaluation, etc. Shorter meeting today due to several of us being busy with studying for exams.

**Meeting 05:**

**WHEN:** 11/4/24 @ 3:30 PM

**PURPOSE:** Discuss project assignment 3

**ATTENDANCE:** Aidan, Trey, Ellie, Charley

**SUMMARY:**

Discussed the exam.

Distributed the work for the assignment.

Section 1: Trey

Section 2: Charley

Section 3: Abishai

Section 5: Aidan

Section 6: Abishai

Section 8: Ellie

## Meeting 06:

**WHEN:** 11/20/24 @ 3:30 PM

**PURPOSE:** Better flush out a plan for the software architecture/implementation

**ATTENDANCE:** Everyone

## SUMMARY:

Discussed implementation of the project

### Module Development

- UI: Abishai
- Input: Trey
- Parser: Charley
- Data Storage: Aidan
- Evaluator: Ellie

The DataStorage module will contain a ExpressionTree, which could be represented either using a Tree data structure or a Stack. Either way, the ExpressionTree will handle sorting the information and handling operator precedence accordingly.

The Data Storage module will handle defining the structure of the ExpressionTree as well as outlining other important information used within other sections of the program. As a result, it will be one of the first Modules to be completed.



**Meeting 07:**

**WHEN:** 12/09/24 @ 3 PM

**PURPOSE:** Discuss coding & implementation

**ATTENDANCE:** Aidan, Trey, Ellie, Charley

**SUMMARY:**

Met back up to check on progress of implementation/coding. Most of the coding was completed, just needed finishing touches and to be put together. Found that fewer files/modules were needed than first anticipated.

Plan to have code individually finished by Tues. night for putting it all together on Wed.

The User Manual and Test Case document would also be worked on as a group, with Ellie taking the lead on each document.

**Meeting 08:**

**WHEN:** 12/11/24 @ 3 PM

**PURPOSE:** Finishing touches on coding

**ATTENDANCE:** Aidan, Trey, Ellie, Charley

**SUMMARY:**

All parts of the program are finished, just need to piece together each module/file. Currently it has a working, but not optimal, version. Plan to replace `#include <file_name.cpp>` with the proper header implementation.

Worked on documentation to finish the remaining work on Test Cases and User Manual.

Checked a variety of test cases with a working version of the current program. All but 2 cases worked.

Charley will fix/add the remaining error checking to make sure all inputs are functional.

Plan to have everything finished by tonight/tomorrow.