

## Apr 2, 2024 | 📅 EECS 348 Scrum Meeting

Attendees: Shivansh Shrivastava Jay Patel vamsi.d.2004@gmail.com  
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Partial Meeting Notes - 3.1

**Meeting Purpose** - Software Architecture.

**Time** - 4:00pm to 5:00pm

**Venue**- Leep 1320

The meeting started with a discussion on the Software Architecture Document. Jahnvi Maddila explained what are the requirements of this document.

Once we discussed the document, we shared updates on the tasks that were assigned to us. Firstly the GUI team, Jay Patel and Vamsi Doddapaneni, explained the progress made on the GUI. They shared what libraries they think can be used for this project. They showed the research they have done for the C++ framework for the front end. Jay then explained his thoughts on the application design and how the application would function.

Secondly, from the Expression Parsing team, Shivansh Shrivastava started showing how he found a possible approach for expression validity by showing a basic example. He explained it thoroughly and simply so we can understand why he thought using the Binary Tree method would be efficient.

Afterward, Tej Gumaste, showed what he thought would be an effective and simple approach i.e. using Stacks. He explained that, by using stacks, we can avoid the problem that we will, at one point, face using Binary Trees. We used the same example and realized that stacks would be a better choice to avoid any errors during the validity check. He specifically talked about how we could use the postfix method.

After we were all updated on the status, we discussed the document deadline and what task we should complete. We concluded by deciding that the Expression Parsing and GUI team will meet on Thursday 11th April to figure out the usage of stacks to get a demo calculator working on the terminal and how to get hands-on experience on the libraries to develop a local application.

The meeting was adjourned at 5:00 pm