

Workshop - Project Metrics

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1. Select one module (method, function, etc.) in your program. Calculate the cyclomatic complexity of that module.

A. NA. We started with the client-side development work, so all of our code consists of HTML, CSS, Typescript, and Vue only. There are no such functions or calculations as of now.

2. Select a different module in your program. Calculate the Lines of Code for that module.

A. I selected the homepage-related components. There are 782 lines of code in that particular module.

3. For any module in your program, provide an example of distinct operators and distinct operands that would be used to calculate Halstead's complexity metric.

A. NA since we do not have the backend code written yet.

4. If you are using an object-oriented approach (and have made enough progress on the project code), calculate one of the OO-specific metrics for a class (WMC, depth, number of children, number of subclasses, etc.)

A. NA because of the reasons mentioned above.

[Process]

5. What has your velocity been for the first ~2-week sprint?

A. Our velocity was 4. We have completed 4 units of work required for the different components UI of our HomePage in VUE.

6. How satisfied are you with your team's velocity and progress on the project so far (answer in terms of cumulative flow, burndown, and/or fault slippage)?

A. We have approximately 15 more components that we need to complete and add backend validations. So we are well on track to complete the project within the stipulated time.

7. Are there any tasks that are currently blocked? If so, what is the blocked time and how do you plan to overcome the blocker?

A. There are currently no blockers noticed during our progress. We are also holding standup calls every Tuesday, Thursday, and Saturday to determine blockers and how to tackle them and to provide updates on each other's progress.

[General]

8. There are approximately 9 weeks until the project repository is due. How do you plan to complete the remaining tasks?

A. We plan to create 3 epics: Client, Server, and API Integration. Under these epics, we will have stories assigned to each of us. We will divide these stories for each 2-week sprint. Currently, we started with the boilerplate code so not so many team contributions have been made.

9. You are required to use an issue-tracking system for your project. Which the platform is your team using?

A. We are using JIRA to track agile processes.

10. Please share a link to the repository used to answer these questions.

A. <https://github.com/samarkansal/app-attendify>