Team 8 Iteration 1 Review

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Issues

Increase in Complexity

- Finder: Nitin Raj Thumma
- Severity: Open issue
- Defect Type: Complexity and Learning curve problem.
- Description: Adding more checks and warnings to an analysis tool can increase its complexity, making it more challenging for developers to understand and use effectively, especially for those new to smart contract development.

Lack of Detailed Information

- Finder: Mounika
- Severity: Minor
- Defect Type: Problems faced in Iteration 1
- Description: In the "Problems faced in Iteration 1" section, the resolution for the first problem could be expanded upon. Mentioning what specific errors were encountered in the make file and how they were resolved using Stack overflow would be helpful.

Lack of Comparative

- Finder: Raghu
- Severity: Major
- Defect type: Competitors
- Class: Missing
- Description: The report mentions competitors briefly but does not provide a comparative analysis of how the proposed tool differs from existing solutions. A detailed comparison would help in understanding the tool’s unique abilities.

Lack of clarity and details in Project Plan

- Finder: Abhishek
- Severity: Minor
- Defect Type: Clarity and Detail in Project Plan.
- Description: A well-defined project plan with precise deadlines, milestones, and roles is absent from the report. It is challenging for the reader to comprehend the project's development and progress in the lack of a clear project strategy. Effective project management and stakeholder and team communication depend on having a thorough project plan.

Performance overhead

- Finder: Nitin Raj Thumma
- Severity: Open issue
- Defect Type: Lack of optimization
- Description: Running additional analysis checks for optimizations can increase the time required for analyzing smart contracts. This could lead to slower feedback loops in the development process.