**Group 8 Weekly Meeting**

Date: 20/03/2021 Meeting Time: 02:00 p.m. Location: Zoom Online Meeting

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| MEETING CALLED BY: Fan Zhang |
| FACILITATOR: Siqi Sun |
| TIME KEEPER: David Wu |
| NOTETAKER: Tianlei Qi |
| ATTENDEES: Fan Zhang, Siqi Sun, David Wu, Tianlei Qi |

**Agenda Topic**

1. Clarify the format of the submissions and uploaded documents.
2. Review the Project Proposal Rubric.
3. Review the client meeting recording to discuss the external resources that will be used for the project.
4. Decide the components of Project Proposal.
5. Assign working parts for each team member.

**Conclusion**

After meeting, every team member has a consistent understanding of the project. Well understand the background and basic structure of the project.

Decided main structure of the Project Proposal Document. Developed part of the functional requirements and non-functional requirements.

1. Introduction and Motivation
2. Literature review
3. Research methodology
4. Requirements (at least 10 functional and 5 nonfunctional requirements (NFRs) and their categories

Functional:

* Support clients upload their source code(C/C++)
* Extract the features from clients’ source code.
* Using trained models to evaluate the input features to predict the vulnerability of the source code
* Develop a metrics system to analyze benchmarks
* Auto-generate a description or analysis report of the results
* Interface with external software tools such as word2vec .etc
* Assign a priority level to detected vulnerability, based on its severity and exploitability.
* Support for Linux and Windows.

Non-functional:

* Provide an accurate comparable benchmark
* Support large-scale projects.
* Ensure software is maintainable and extendible ie. new features that could be easily added upon client request
* Ensure a user-friendly interface (ease of navigation) user could easily upload their desired project

1. Design (HighLevel and/or Detailed Design)
2. Progress and planning (marking criteria)
3. Structure, layout, language (marking criteria)

**Action Items**

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| **Action Task** | **Person Responsible** | **Deadline** |
| Research and develop suitable functional and non-functional requirements for the project | All members | 27/03/2021 |
| Assign working parts for each team member. | All members | 27/03/2021 |