

Name of Researcher

XXXX

Supervisor:

XXXX

Title of Project:

Information Types Summarization for Issue Report Exploration

Interview Questions:

Firstly, before the interview, interviewees will be provided with a document for understanding information types by definition and with examples, as well as the iSum tool and its installation manual. In the interview, questions as stated below will be asked. The purpose of the interview is to learn the following points from industry personnel:

- Their practice of approaching issue discussion forum
- The significance/necessity of recognizing issue discussion information types
- The usefulness of iSum tool
- Suggestions and ideas for enhancing the tool

Along with the above mentioned topics, interviewees' will be asked to provide some personal and professional information. Cues of the questions are stated below:

- 1) Demographic Information:
 - a) Age
 - b) Gender
 - c) Span of Industry experience
 - d) Previous/Current Role in the organization
 - e) Size of the team
 - f) Experience of using GitHub/ITS
- 2) How do developers explore issue reports?
 - a) If you are/were a developer, how do you approach the discussion forum if you are assigned? Do you only read the issue post and title or skim/go through the whole discussion if any?
 - b) Do you keep yourself up to date with the issue discussion on your assigned issues? (Checking notifications or checking discussion forum from time to time)
 - c) Do you often find that issue discussions contain necessary information?
- 3) What challenges do they face while exploring the reports without a tool?
 - a) Have you ever faced trouble finding information due to the issue's lengthiness or complexity?
 - b) Do you think identifying the information from issue discussion is necessary and why?
 - c) What type of information do you mostly search for ?
- 4) How does iSum help developers?:
 - a) Do you find iSum useful?
 - b) From your perspective, who will benefit from this tool and why?

- c) What are the strengths of this tool?
 - d) Will you or your teammates use this tool?
- 5) Suggestions regarding the expansion:
 - a) What are the shortcomings of this tool?
 - b) Do you have any ideas/ suggestions for enhancing this tool?

The interviews will be online, held in English and will take around 30~45 minutes. Also, The interviews will be informal and carried out in a conversational style.