**Project: Factors affecting the adoption of Hybrid - Waterfall & Agile software development methodologies.**

**Consent of Participant**

The study is the part of a course project CS 846: People Empirical Software Engineering at the University of Waterloo. The project would help to learn and validate the modern practices used in the industry for software development life cycle. The project involves doing a thorough literature review, reviewing case studies, and conduct interview to validate the data and compile it in a report.

I agree that I have been informed about a study being conducted by *Ishank Jain* of the Department of *Computer Science* at the University of Waterloo. I have had the opportunity to ask any questions related to this study, to receive satisfactory answers to my questions, and any additional details I wanted.

1. With full knowledge of all foregoing, I agree, of my own free will, to participate in this study (yes/no):

2. I agree to the use of anonymous quotations in any presentation or report that comes of this study (yes/no):

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Name and Signature of Participant

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Date

**For reference:**

**Waterfall model: it illustrates the software development process in a linear sequential flow. This means that any phase in the development process begins only if the previous phase is complete. Progress flows in largely one direction through the phases of conception, requirement, design, development, testing, deployment, documentation, and maintenance. If any changes are required, then the whole process needs to be repeated and follows a hierarchical approach.**

**Agile model: It provides means for rapid development and great deal of flexibility to adopt new changes during development process. Agile is iterative since the development process is broken into several iterations. After completion of each iteration a small part of the product is produced rather than whole product.**

**Hybrid model: Blends the above 2 model to achieve a more suitable development practice.**

1. How would you define or name the software development practice used at your organization?

2. In your opinion what would be the relative advantage and disadvantage of hybrid practices? (for instance, in terms of meeting project requirements)

3. How does the flexibility provided by the agile practices impact team productivity? economic results?

4. How does the flexibility provided by the hybrid practices impact deployment of the product in your organization?

5. Is flexibility to work on current needs preferred over traditional practice to start again for every change?

6. How important is direct communication between team(s) for defining requirement and development?

7. How does individual efforts and responsibilities encourage you /raise self-responsibility or impact quality of your work?

8. How does working independently (on a smaller part of a wider project) impact complexity and deployment of final product?

9. Can you describe the documentation process used in your organization? Who is responsible for maintaining documentation? Why is documentation important for your organization?

10. How would you rate or explain the learnability of the software development at your organization for a new employee?

11. How important is it for you and your team to know product requirements before working on a product?