# APPENDIX C: Interview Protocol for Expert Evaluation

EXAMINING THE FACTORS DRIVING DEVOPS ADOPTION

*Interview Protocol*

*Department of Electronics, Telecommunication and Internet*

*Gdansk University of Technology, Poland*

I am Imeh Akpan, a graduate student at Gdanks University of Technology studying informatics with a focus on distributed applications and the internet. Regarding my master's thesis, I have created a DevOps implementation framework based on data gathered from the scholarly literature and data received from practitioners working at Agile-based Software Product Organization (SPOs). The key artifacts of this study are as follows:

* Drivers for DevOps Adoption besides at agile-based software product organizations (artifact 1)
* DevOps implementation framework developed with all the identified success factors, focal points (artifact 2)
* The real-world application of the framework depicting relationships between the identified drivers and the developed DevOps implementation framework (artifact 3).

It's anticipated that the entire session would run between 45 and 60 minutes. I'll be delivering an interactive presentation during the event in which I'll introduce the artifacts and then ask questions about them. The questions are located on the following page of this document and are designed to assess the artifacts according to a number of criteria, including completeness, accuracy, utility, understandability, and fit with the organisation.

You are free to leave the session at any time if you don't feel comfortable participating or don't want to answer any of the questions. Your responses will be recorded, but once the data has been processed, the recordings will be destroyed and never made available to any third parties.

***Consent***

I've read, comprehend, and have had a chance to ask questions about the material provided. I freely consent to participate in this study.

Candidate’s signature…………………………………Date………………………..’…………….

Researcher’s signature……………………………….Date………………………………………

**Questionnaire**  
*Candidate Profile*

The questions that follow are designed to help you clarify your job and profile within a DevOps implementation.

1. Would you kindly describe your position and general tasks at your company?

2. Could you kindly tell me when your team(s) made the switch to DevOps?

3. To what extent do you believe your team or department has embraced the DevOps methodology?

**Artifacts validation against set criteria**

Answer "Yes" or "No" to the questions below, but if you choose "No," please give a brief explanation.

***Artefact 1: DevOps Adoption Drivers***

Criteria: Completeness and fit with organization.

1. Does this list, in your opinion, encompass your organisational drivers?

2. Do you believe there are any further significant motivation for your company’s adoption of DevOps?

***Criteria: Understandability***

1. Are the given names of the drivers easy to understand?

**DevOps implementation framework with success factors and focal points, Artefact 2**

Criterion: Completeness

Do you believe that the various viewpoints cover all the various aspects of the DevOps implementation?

| **Questions** | | Rejected  0 | Partially agreed  1 | Fully agreed  2 |
| --- | --- | --- | --- | --- |
| 1 | Do you believe that the various viewpoints cover all the various aspects of the DevOps implementation? |  |  |  |
| 2 | Do you agree with the success factors designated focal points? |  |  |  |
| 3 | In light of the success factors do any of the focal points seem unapplicable? |  |  |  |
| 4 | Do you believe that the list of success factors is lacking any significant focal point? |  |  |  |

**Criteria: Understandability**

1. Is the framework understandable and clear?

2. Do the terms given to the success factors and focal points sound logical and clear?

**Criterion: fit with organization**

Is this framework appropriate for usage in your organizational setting?

Criteria: Usefulness

1. Do you believe this framework will be helpful to you?
2. Do you believe that this framework will support current and/or upcoming DevOps implementations within your organization?
3. Do you believe that this framework is appropriate for educating managers and team members about DevOps adoption at various levels of the workforce?

**Artefact 3: The framework's relationship with the drivers**

Criteria: Accuracy

1. Do you concur that driver [1...12] and its accompanying framework variation are related? If not, what particular focus area, success factor, and driving combination do you worry about?

***Criteria: Usefulness***

1. Do you believe that these framework variants can help you maintain the alignment of your DevOps implementation goals?

***Open Questions***

1. What are your overall opinion about this framework and its correlation with the drivers?
2. Which demographic do you believe this framework should aim for?
3. Would you advise your coworkers to use this framework? If so, why?
4. Do you have any more remarks?