Research Plan

HeardIT

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1. Introduction

The purpose of this document is to outline the planning for the research that I am going to undertake during the creation of the HeardIT application. In this document I will outline the main research question and the following sub-questions that will be established in order to answer the main question.

1. Main question

In this section the main question will be established. In order to complete the research, the main question needs to have a concrete answer. For this reason, it is important to define the main question well. The main question will also allow us to create the sub-questions that will help us answer the main question.

The main research question is:

*How to ensure that HeardIT meets the modern standards for enterprise level software applications?*

Answering this question will allow us to definitively prove that HeardIT is an application that meets the modern demands and standards for software applications. To answer this question, sub-questions that focus on specific aspects from the main question are established. Finding the answer to those will allow me to conclude a definitive answer for the main question. In the next section, I will establish the sub-questions and provide an answer to each of them.

1. Sub-questions
2. What is the best architecture type that will allow me to create a web-application that meets the modern standards?

In order to answer this question, I firstly

Methods used: Literature study, Expert interview, Interview

1. What are the best technologies that I should use when developing HeardIT?

For question I again had to speak with the test engineers about what can be an improvement for their testing environment.

Methods used: Expert interview, Interview, Brainstorm

1. How can I test to ensure that HeardIT meets the standards of modern applications?

At this point

Methods used: Expert interview, Data analytics, Problem analysis

1. Conclusion

To conclude this research, we have answered all of the sub-questions above. Now that we have done this, we can answer the main question.

With this we can conclude the initial research that was conducted during the development of the HeardIT application. From this research I continue with more in-depth research documents about the specific features that I created in order to find the solutions to these questions. For more detailed information, refer to the respective documents for each feature:

* *Research-*