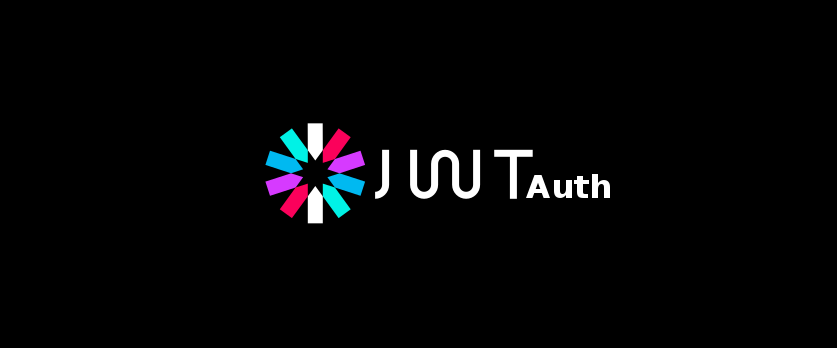
Applied Research PLAN

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**Project Git Repository:** https://git.fhict.nl/I407846/safar\_travelapp



Document Version History:

|  |  |  |
| --- | --- | --- |
| Version | Date | Changes |
| 0.1 | 07/03/2022 | Document setup |
| 0.2 | 09/03/2022 | Added problem definition, main research question and sub questions |
| 0.3 | 12/03/2022 | Defined Dot framework, added methods of research |

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# Problem Definition:

The customers of Safar travel application would like to use the website securely without exposing sensitive data, one way to accomplish is by using **JSON web token**, which is the topic of this research.

# Main Question:

How can JSON web token be used to ensure security in a web application?

# Sub Questions:

1. What is JSON web token?
2. What is it used for?
3. How to implement it properly?

# Dot Framework:

The Development Oriented Triangulation (DOT) framework will be used to conduct this research.

“The DOT framework can help you to structure your research and to communicate about it. The Development Oriented Triangulation (DOT) framework consists of three levels:

1. The "What" of your research (the domains)
2. The "Why" of your research (the trade-offs)
3. The "How" of your research (the strategies and methods)”

(The DOT Framework, 2021)

# Methods:

The research strategy that will be used for this research is Library, specifically:

1. Available product analysis.
2. Best good and bad practices

# References

*The DOT Framework*. (2021, July). Retrieved from ICT research methods: https://ictresearchmethods.nl/The\_DOT\_Framework