Research report  
Keycloak

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**Afbeelding met schermopname, Graphics, Lettertype, logo

Automatisch gegenereerde beschrijving**

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# **Introduction**

## Problem description

In today's digital world, keeping online information secure is crucial. Businesses and organizations need effective tools to manage who can access their apps and data, ensuring only the right people get in while keeping everything safe. This challenge calls for Identity and Access Management (IAM) solutions.

Keycloak, an open-source IAM tool, steps in to help solve these challenges. The problem we're tackling is how to handle user identities, control who can access what, and make sure everything stays secure in modern apps. Without a good IAM system, there's a risk of security issues, not meeting compliance standards, and a lack of control over who gets to use what.

The main purpose of this research report is to understand its features and how well it can handle identity and access management. My goal is to implement in my personal project: “GamifyWork” and to determine for which project(s) it could be suitable.

## Main question

How can I implement Keycloak in “GamifyWork”?

## Sub questions

# **Results**

## Sub question 1

1. What is and how does Key cloak work?

## Sub question 2

## Sub question 3

## Sub question 4

# **Resolution**

## Conclusion

## Recommendation

# **References**

# **Version History**

|  |  |
| --- | --- |
| **When?** | **What?** |
| 10/11/2023 | First start, initialized it. |