* Can you explain to me what QaaS app is? What does it do, what are the key functionalities it offers? How critical is it in the overall operations and services of Q-ICT?

Gives insight into their security status, their invoices, financial data, subscriptions, devices,. Internal application to support employees, give the customers insight what we do for them. An ERP software to support the company to ddo our jobs, gives customers insights to be transparent

* What would you say the organizational user role structure of the QaaS app is? (developer, helpdesk, client user) What privileges do each of this user role management have?

Roles are template for the convenience of the developers.

Helpdesk: can view all the customers data

User: can connect multiple company to a user. See data and not manipulate data

Admin: can delete devices, modules, overwrites everything

* What are the functionalities from the Firebase that the QaaS app currently utilizes? What are the other existing libraries or tools that are already integrated into the app? (flutter, node.js, firebase)

Firestore: save the data nosql database

Cloud functions: back-end code mostly in node.js. N-Central, customers have devices, cooldown on the api calls so not to overload server. There is a limitation on firebase cloud execution time

* Currently, what are the challenges or limitations in the QaaS app, if any?

Some API calls would take longer than the cloud functions, things take long to retrieve

* Can you provide insight architecture and design considerations of the QaaS app, regarding Firebase, Flutter, and the third APIs?
* Can you explain to me all the 6 Q-ICT’s internal APIs and what functionalities do they have? Currently, how are these APIs monitored/managed in the QaaS app?

Bodyguard: quite new, extra security layer which sanitizes docs when download. The file gets

N-Central: is the monitoring software for all customers of mkbit. From n-able, all customers devices are there, installed an agent to their devices. Install back-ups, third party patching to ensure computer stay up to date, enable encryption, automate processes clear disk when it almost full delete cache or recycling bin. The status of the update can be read from n-central api and notification triggers. Show that to the customer too if ur machine is secure

Pax8: is a Microsoft company. All the Microsoft subs that we resell them we do it on pax8, we retrieve data from api and put it on the qaas app. Gives them insight with what they currently have

Snelstart: a financial application, is mostly invoices in the qaas app. Every apis have customer data, we load all that customers and we load all the customers manually and view them on one screen

SentinelOne: an api, virus scanner.

* What issues and challenges do you think would be the most significant if the QaaS app lacks proper standardized API monitoring?

API keys expired and not awared, the data does not get syncrohnized,

an api can offline, needs to be notified

Sometimes in the server, a power cuts off, synchronizing functionality is turned off. Get notifications, ping system

Not enough resources

* What specific challenges or issue points you experienced while implementing these APIs into the QaaS app and while maintaining it?

N-central: they don’t handle limits correctly, there;s one api call that displays a lot of data.- We might change on-premise to cloud solution

Pax8, SnelStart: limits of api calls but handle it well.

* What are the expectations, desired outcomes, key metrics, and success criteria from the proposed enhancements to the API monitoring solution of the QaaS app along with SentinelOne integration? (any key points that the developer should prioritize and/or beware)

Dashboard, where you can see all the apis that are currently running. Cron-jobs, data gets loaded everyday. See all the api calls

Update api credentials

Press button to do all

The most recent call, be able to inspect the logs,

* What data or insights would be the most valuable to visualize from SentinelOne? How do you envision the integration of SentinelOne into the QaaS app?
* In your opinion, how should the QaaS app handle expired API keys? In what way?

Renew

SecretManager Google: update code when it is needed,

Firebase: storage for pdf file, hosting

Some apis like n-central need to be updated in 3 months, the key.

Triggers when it fails a call

* Is there any budget set for this project?

20 euros per month,

* Is there any code conventional style guidelines or specific security concerns relating data privacy or compliance that the intern should adhere to? What is the security best practices and testing procedures currently followed in the development of the QaaS app?

MVC

* Are there any key challenges you are anticipating in the development of API monitoring and SentinelOne integration while maintaining highest security standards? Any specific areas of concern or potential risk?
* Why hasn’t the SentinelOne be integrated in the QaaS app so far? Is it because the data shown is more complex? Different?
* What strategies were employed for secure storage and management of API keys within the QaaS app and how effective were they?
* Currently, how do the QaaS app handle any unsuccessful API calls or errors? Any error handling or logging?

Does not have insight if something is working n=or not, only if the data is not up to date

* How is the data retrieved from the current APIs visualized within the QaaS app? Are there any specific visualization needs or preferences for different departments/user groups? How user-friendly is the data representation and retrieval in the QaaS app according to you?
* What visualization techniques have you used for the current APIs that you think have been the most successful or unsuccessful in the past?
* What are the expectations for the integration of third-party APIs in the future? Are there any specific APIs you are planning to integrate, and what are the key requirements for their integration?

Secureme2

JSON and XML

* What are the overall goals of the QaaS app in terms of API management and cybersecurity monitoring? How do these goals align with the objectives of Q-ICT?
* Are there any other functionalities of the QaaS app that should be improved?
* Is there anything you would like to add?

Meeting with Robbert, maybe Pierre.

What do you want to see on the screen.