

Initial semi-structured interview questions

1. Do you know use cases in your professional expertise that could benefit from measuring against this Maturity Model?
 - a. If so, which one(s)?
 - b. What is it/are they about?
 - c. What do(es) the use case(s) contain?
2. What is your impression of the Maturity Model?
3. What do you think about the number of maturity levels?
 - a. Are they mutually exclusive?
 - b. Are they collectively exhaustive?
4. What do you think about the current domains covered by the IoT Maturity Model?
 - a. Are the names clear?
 - b. Are the descriptions edifying?
 - c. Would you suggest other domains?
5. Suggestions for other domains?
 - a. If so, what would they need to cover/contain?
 - b. What disciplines do we need to measure?
 - c. What do you think about Risk management, Data architecture, integration (with e.g. electronic health record)? If so, what would they need to contain?
 - d. How would you define their maturity on every level?
6. Are you satisfied with the targets the Maturity Model sets for every domain?
7. What departments need to gain access to the data in every level?
8. What procedures do we need to put in place?
9. What should be included in the checklist to determine the MM level?
10. What are the most critical points to examine to succeed?
11. What are the ultimate minimal requirements to start an IoT project?
12. What are the drivers to choose for an IoT project in healthcare?
13. Is the government stimulating hospitals to invest in IoT?
 - a. If so, how?
14. Can IoT improve the quality of healthcare?
 - a. If so, how can IoT help to support quality within healthcare?
15. Will the implementation of the Electronic health record (EHR) kickstart or increase the usage of IoT?
16. There is a lot of monitoring happening to patients, is there a clear view on what results the medical field would like to acquire from that data?
17. In what ways is IoT in use in technical aspects within healthcare?
18. Quality is an ever-improving process in healthcare. Are there in this domain ideas or applications of IoT happening?
19. Safety is an ever-improving process in healthcare. Are there in this domain ideas or applications of IoT happening?
20. Would you consider using such a maturity mode in the future to steer the organization you are working for, or a hospital you are performing a mission for, towards a higher level of maturity?
 - a. If so, why?
 - b. If not, why?
 - c. Can you explain your reasoning?

Revised semi-structured interview questions

Maturity Model

1. Did you have a chance to have an in-depth look at the maturity model?
2. What is your impression of the maturity model?
3. What do you think about the current domains covered by the IoT Maturity Model?
 - a. Are the names clear?
 - b. Are the descriptions edifying?
4. Are you satisfied with the targets the Maturity Model sets for every domain?
 - a. More specifically, is level 5 in the maturity model satisfactory?
5. What do you think about the number of maturity levels?
 - a. Are they mutually exclusive?
 - b. Are they collectively exhaustive?
6. Do you have suggestions for other domains?
 - a. If so, what disciplines do we need to measure?
 - b. What do you think about including topics such as Risk management, Data architecture, integration (with e.g. electronic health record)?
 - c. What content would they need to cover/contain on every level?
7. Would you consider using such a maturity mode in the future to steer the organization you are working for, or a hospital you are performing a mission for, towards a higher level of maturity?
 - a. Why? Can you explain your reasoning?
8. What should be included in a checklist to determine the maturity level of an organizations you are measuring this model against?

Use cases

1. Quality is an ever-improving process in healthcare. Can IoT improve the quality of healthcare?
 - a. If so, how can IoT help to support quality within healthcare?
2. Are you aware whether the government is stimulating hospitals to invest in IoT?
 - a. If so, how?
3. What are the drivers to choose for an IoT project in healthcare?
4. What are the ultimate minimal requirements to start an IoT project?
5. Do you know use cases in your professional expertise that could benefit from measuring against this Maturity Model?
 - a. If so, what is it/are they about?
 - b. What do(es) the use case(s) contain?
6. What are the most critical points to examine to succeed?

Implementation

1. What procedures do we need to put in place to implement IoT successfully?
2. Will the implementation of the Electronic health record (EHR) kickstart or increase the usage of IoT?

Data

1. There is a lot of monitoring happening to patients, is there a clear view on what results the medical field would like to acquire from that data?
2. Are there ideas or applications of IoT arising in the domain of data quality?
3. Data security is an ever-improving process in healthcare. Are there in this domain ideas or applications of IoT happening or being taken into consideration?
4. What departments need to gain access to the data in every level?
 - a. What policy would you suggest for a clinic in terms of data-authorization?
 - b. Who can have access to the personalized data?
 - c. Who can access anonymized data?
 - d. Who can only consult high-level reports?