Research Document

# Version Control

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| --- | --- | --- | --- |
| Version (v) | Date | Sprint | Changes |
| 0.1 | 27-02-2023 | 0 | * Enterprise Architecture Document * Enterprise Software Platforms Document |
| 0.2 | 20-03-2023 | 1 | * Shaping and building your initial Architecture * Software Quality Assurance |
| 0.3 | 13-03-2023 | 2 | * Messaging * Security by Design |
| 1.0 | 01/06/2023 | 4 | * DevSecOps * Cloud Services * GDPR & Data Complexities: * Observability & Performance: |

# Sprint 0 Research – Enterprise Architecture & Software Platforms

## Approach

For our first research case, we split our group of five into two parties since the topics were clearly split into two as well (enterprise architecture and software platforms). We looked in-depth at both subjects before documenting our results in two separate documents. The two groups shared their findings at the end of the sprint, through presenting it to the other party. This other party then asked questions to clarify certain points.

## Findings

See our documents for the findings:

* **Enterprise Architecture Document**: [https://stichtingfontys.sharepoint.com/sites/ClinicalDecisionSupport/Gedeelde%20documenten/Baby%20Monitor%20Simulator/Research%20Documents/Foundation/Enterprise%20Architecture%20-%20final.docx](https://stichtingfontys.sharepoint.com/sites/ClinicalDecisionSupport/Gedeelde%20documenten/Baby%20Monitor%20Simulator/Research/Main%20Topics%20FOUNDATION/Ben/Enterprise%20Architecture.docx)
* **Enterprise Software Platforms Document**: [https://stichtingfontys.sharepoint.com/sites/ClinicalDecisionSupport/Gedeelde%20documenten/Baby%20Monitor%20Simulator/Research%20Documents/Foundation/Enterprise%20Software%20Platforms.docx](https://stichtingfontys.sharepoint.com/sites/ClinicalDecisionSupport/Gedeelde%20documenten/Baby%20Monitor%20Simulator/Research/Main%20Topics%20FOUNDATION/Ben/Enterprise%20Software%20Platforms.docx)
* **Shaping and Building your initial Architecture:**

[https://stichtingfontys.sharepoint.com/sites/ClinicalDecisionSupport/Gedeelde%20documenten/Baby%20Monitor%20Simulator/Research%20Documents/Foundation/Ben/Shaping%20and%20Building%20your%20initial%20Architecture.docx](https://stichtingfontys.sharepoint.com/sites/ClinicalDecisionSupport/Gedeelde%20documenten/Baby%20Monitor%20Simulator/Research/Main%20Topics%20FOUNDATION/Ben/Shaping%20and%20Building%20your%20initial%20Architecture.docx)

* **Software Quality Assurance**:

<https://stichtingfontys.sharepoint.com/:w:/r/sites/ClinicalDecisionSupport/Gedeelde%20documenten/Baby%20Monitor%20Simulator/Research%20Documents/Foundation/Software%20Quality%20Assurance.docx>

* **Messaging:**  
  <https://stichtingfontys.sharepoint.com/:w:/r/sites/ClinicalDecisionSupport/Gedeelde%20documenten/Baby%20Monitor%20Simulator/Research%20Documents/Foundation/Messaging.docx>
* **Security by Design**:

<https://stichtingfontys.sharepoint.com/:w:/r/sites/ClinicalDecisionSupport/Gedeelde%20documenten/Baby%20Monitor%20Simulator/Research%20Documents/Foundation/Security%20by%20Design.docx>

* **DevSecOps:** [DevSecOps & Cloud Services.docx](https://stichtingfontys.sharepoint.com/:w:/r/sites/ClinicalDecisionSupport/Gedeelde%20documenten/Baby%20Monitor%20Simulator/Research/Main%20Topics%20FOUNDATION/Ben/DevSecOps%20%26%20Cloud%20Services.docx?d=w9660032204bd4b6aacc4c20fe615e4b0&csf=1&web=1&e=Vbvhbt)
* **Cloud Services:** [DevSecOps & Cloud Services.docx](https://stichtingfontys.sharepoint.com/:w:/r/sites/ClinicalDecisionSupport/Gedeelde%20documenten/Baby%20Monitor%20Simulator/Research/Main%20Topics%20FOUNDATION/Ben/DevSecOps%20%26%20Cloud%20Services.docx?d=w9660032204bd4b6aacc4c20fe615e4b0&csf=1&web=1&e=Vbvhbt)
* **GDPR & Data Complexities:** [GPDR and Data Complexities.docx](https://stichtingfontys.sharepoint.com/:w:/r/sites/ClinicalDecisionSupport/Gedeelde%20documenten/Baby%20Monitor%20Simulator/Research/Main%20Topics%20CORNERSTONES/GPDR%20and%20Data%20Complexities.docx?d=w6aca9bc927524425bc2c363e0dc2c83b&csf=1&web=1&e=kMX4bt)
* **Observability & Performance:** [Observibility and Performance.docx](https://stichtingfontys.sharepoint.com/:w:/r/sites/ClinicalDecisionSupport/Gedeelde%20documenten/Baby%20Monitor%20Simulator/Research/Main%20Topics%20CORNERSTONES/Observibility%20and%20Performance.docx?d=w7b7c18a292b54444a191262163dbefc7&csf=1&web=1&e=eg6xJ3)

**All research can be found here:** [Research](https://stichtingfontys.sharepoint.com/:f:/r/sites/ClinicalDecisionSupport/Gedeelde%20documenten/Baby%20Monitor%20Simulator/Research?csf=1&web=1&e=UVdMmh)