

Metrics for Phase 1 documents

- Complete breakdown of project goals (e.g. what the final product will be capable of and how to achieve these goals)
 - The Phase 1 document should specify Specific, Measurable, Achievable, Relevant, and Time-Bound goals broken down into manageable chunks.
- Sensor team interaction
 - The document should outline our requirements from the sensor team and when + how cooperation is required for both teams in such a way that they can integrate it into their timetable.
 - Including specific deliverables & dates from the sensor team
- Clear & plausible Architecture outline that looks implementable
 - An architectural overview over our planned system in words and/or as a Module-level diagram
 - Likely a mix of UMLs class and component diagrams in terms of style
 - Interactions between and minimal functionality of each module should be outlined
 - Flow diagram displaying the Workflow/Dataflow from the datasource to the sensors
- Include a nice Gantt chart to clarify timeframes
 - Timetable should bring the project goals and interactions with the sensor team into relation with each other as well as outline when the Digital Twin team can start testing/working with our product
- realistic risk overview and assessment
- Specify interaction with the digital twin team if necessary

Actual Phase 1 Design Document

- Virtual Apartment
 - Explanation of the concept
 - Breaking down that concept into concrete goals for us
- Architecture Outline
 - Dataflow
 - Class/Component diagram
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- Expectations from & Interaction with the Sensor Team
- Risk Analysis
- Timetable:
 - Phase 1 (this document) by 19.th10th
 - Phase 2
 - Phase 3
 - Considerations regarding the Digital Twin Team (maybe phase 3)

- Phase 4

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