

**Solution Architecture Document**

**[app name]**

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| **DOCUMENT INFORMATION** | | | | | |
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# **Introduction**

*[The introduction should provide an overview of the entire Software Architecture Document. It should include the purpose, scope, definitions, acronyms, abbreviations, references]*

## Purpose

*[This section defines the purpose of the Software Architecture Document, in the overall project documentation, and briefly describes the structure of the document. The specific audiences for the document should be identified, with an indication of how they are expected to use the document.]*

## Definitions, Acronyms, and Abbreviations

*[This subsection should provide the definitions of all terms, acronyms, and abbreviations required to properly interpret the Software Architecture Document.]*

## References

*[This subsection should provide a complete list of all documents referenced elsewhere in the****Software Architecture Document****.  Each document should be identified by title, report number (if applicable), date, and publishing organization.  Specify the sources from which the references can be obtained. This information may be provided by reference to an appendix or to another document.]*

# **Architectural Goals and Constraints**

*[This section describes the software requirements and objectives that have some significant impact on the architecture, for example, safety, security, privacy, portability, distribution, and reuse. It also captures the special constraints that may apply: design and implementation strategy, development tools, team structure, schedule, legacy code, and so on.]*

# **Use-Cases Realizations**

*[This section illustrates how the software actually works by giving a few selected use-case (or scenario) realizations, and explains how the various design model elements contribute to their functionality.]*

# **Logical View**

*[This section describes the architecturally significant parts of the design model, such as its decomposition into subsystems and packages. And for each significant package, its decomposition into classes and class utilities. You should introduce architecturally significant classes and describe their responsibilities, as well as a few very important relationships, operations, and attributes.]*

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# **Process View**

*[This section describes what the system is doing from high-level, and it also provides you to show how the smaller components, tasks, threads fit together and involved in the system execution.]*

# **Data View**

*[This section describes system data model and its organization in terms of the tables, views, indexes, triggers and stored procedures used. This section is optional if there is little or no persistent data, or the translation between the Design Model and the Data Model is trivial.]*

# **Deployment View**

*[This section describes one or more physical network (hardware) configurations on which the software is deployed and run. It is a view of the Deployment Model. At a minimum for each configuration it should indicate the physical nodes (computers, CPUs) that execute the software, and their interconnections (bus, LAN, point-to-point, and so on.) Also include a mapping of the processes of the****Process View****onto the physical nodes.]*

# **Size and Performance**

*[This section describes the major dimensioning characteristics of the software that impact the architecture, as well as the target performance constraints.]*

# **Issues and concerns**

*[This section describes any issues or concerns.]*