<Project Name>

Software Architecture Document

Version <1.0>

*[The texts in blue are guidance for filling in the information for each section. Remove everything in blue when writing the document.*

*This template is a simplified version of the Software Architecture Document from the RUP model. ]*

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <dd/mmm/yy> | <x.x> | <details> | <name> |
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Software Architecture Document

# Introduction

*[The introduction of the* ***Software Architecture Document*** *provides an overview of the entire* ***Software Architecture Document****. It includes the purpose, scope, definitions, acronyms, abbreviations, references, and overview of the* ***Software Architecture 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, use of an off-the-shelf product, 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.*

*Vietnamese: Phần này nêu các mục tiêu và ràng buộc của kiến trúc phần mềm. Các mục tiêu và ràng buộc này lấy từ yêu cầu phi chức năng trong tài liệu Vision. Ví dụ, các ràng buộc/mục tiêu như yêu cầu áp dụng ngôn ngữ lập trình, môi trường của ứng dụng (như web, mobile, hay cả hai), ràng buộc về bảo mật, hiệu năng, v.v…*

*Các bạn chỉ cần gạch đầu dòng các mục tiêu và ràng buộc quan trọng ở đây thôi.]*

# Use-Case Model

*[This section includes the use case diagrams that are already modeled and presented in the use-case specification document.]*

# Logical View

*[This section describes the architecture with components and relationships among them. One or several diagrams showing the architecture are provided here. For each component, describe its responsibilities and/or services that are provided for other components. Each relationship should also indicate the means of communication, such as HTTP, HTTPS, Socket, LAN, Internet, etc.*

*The detail of each component is provided using the subsection below.]*

## Component: abc

*[This section provides details for the component named “abc”. You need to include class diagrams for this component and explain key classes.*

*For each component, create a section like this.]*

# Deployment

*[Leave this section blank for PA4.*

*In this section, describe how the system is deployed by mapping the components in Section 4 to machines running them. For example, your mobile app is running on a mobile device (Android, iOS, etc), your server runs all components on the server side including the database]*

# Implementation View

*[Leave this section blank for PA4.*

*In this section, provide folder structures for your code for all components described in Section 4.]*