

Architectural Drivers Specification

**Version1.0**

**<Quang Vuong>**

**<25/11/2019>**

**VERSION HISTORY**

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| **Version #** | **Implemented**  **By** | **Revision**  **Date** | **Approved**  **By** | **Approval**  **Date** | **Reason** |
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# Introduction

* 1. **Purpose**

This document will be used to refine the architectural drivers for the project. This document will act as the main repository of requirements for the project.

The intended audience for this document is the Hello World team and BDS project.

* 1. **Definitions, Acronyms and Abbreviations**

1. **Project Overview**

BDS project will delivery a software used to manage real estate company. The software running on this 2 platforms is ios, android and web adminnistrator, this software use the same database to save and query data.

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# Architectural Drivers Overview

The architectural drivers presented in this document include:

* **Functional Requirements:** These requirements are presented in the form of specifications and use cases. These are a refinement of the requirements documented in the requirements specification document.
* **Quality Attribute Requirements:** These requirements are presented in the form of quality attribute scenarios. These scenarios are based on the quality attributes documented in the requirements specification document.
* **Business Constraints:** These are the business constraints in the requirements specification document.
* **Technical Constraints:** These are the technical constraints in therequirements specification document.

These architectural drivers will influence the architectural design and implementation of the project. Additionally, they will impact the schedule and quality of the project. As a whole these architectural drivers define the scope of the project.

# Functional Requirements

# Quality Attribute Scenarios

|  |  |  |  |
| --- | --- | --- | --- |
| **Title of scenario:** Freedom when drawing shapes | | **ID:** QAS1 | **Version:** 1 |
| **Last Changed:** 11/22/2008 |
| **Quality attribute:** Usability | | **Characterization ID:** QA2 | |
| **Describe stakeholder role proposing the description:** End user, Customer and Maintainer | | | |
| Source(s) of the stimulus | Architect | | |
| Stimulus | Need for the tool to allow architects to concentrate on creating the architectural representation without worrying about restrictions imposed by the tool. | | |
| Relevant environmental conditions | When the architect is creating the design. | | |
| Architectural elements | The drawing canvas and shape palette subsystems of the tool. | | |
| System response | The system should not make any inputs as required when an element is added to the canvas. | | |
| Response measure(s) | The architect shouldn’t be forced to do things in a particular sequence or limited in the number or types of elements in a perspective. | | |
| Associated risks | There might be some restrictions imposed by elements that are part of a UML palette. There might be some difficulty in determining which restrictions are reasonable without restricting flexibility. | | |

# Contrainst

* 1. **Technical contraints**
  2. **Business contraints**