System Architecture Document

Authors

Title of Project

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Contents

1 Introduction

This introduction provides a brief overview of System Architecture Document for the current iteration of the Post Graduate Application Approval System. It consists of the purpose, scope, problem statement,project objectives, stakeholders and overview of the rest of the document.

1.1 Purpose

This document provides the reader with an architectural overview of the Post Graduate Application Approval System. The primary purpose of this project is to create a single integrated system that facilitates application review and decision making.

This document is intended to elucidate the major architectural decisions that have been made when designing and implementing the system. This is achieved by viewing the system architecture from various perspectives, called views. These views are intended to explain the system architecture through all levels of the development stack, from front-end to back-end.

1.2 Scope

scope of document

1.3 Problem Statement

1.4 Project Objectives

1.5 Stakeholders

1.6 Overview

describe the structure and content of rest of report

2 Architectural Goals and Constraints

3 Architectural Representation

3.1 Architectural Views

describe the different views of the system and their purpose.

3.2 Architectural Design Patterns

discuss mvc etc

3.3 Architectural Process

what process was used to design the system.

4 Architectural View Decomposition

4.1 Use-Case View

use case diagram plus short description of each use case.

4.1.1 Architecturally Significant Use Cases

describe in detail the use cases that use the most critical part of the system (possibly fully dressed use cases for this)

4.2 Design View

architecture diagram

4.2.1 Overview

4.3 Process View

Activity diagram, ssds of significant use cases etc.

4.4 Component View

UI organization and organization of overall system.

4.4.1 Overview

4.5 Deployment View

describes the different nodes that make up the system (different servers and client etc.)

5 Size and Performance

any metrics for the size and performance of the current system go here.

6 Quality

issues with system quality or concerns for future development go here.