Project Overview

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1 Project Introduction

This document serves as a guide for reviewing the rest of the project. It the problem statement, the project objectives and a description of the project stakeholders. Additionally, there is a guide providing links to the other system documentation.

1.1 Problem Statement

Currently, the School of EIE uses a paper based method for the approval of post graduate applications. The primary reasons for this, is as a result of academics not being trained on the SIMS system and paper trail to be kept for transparency purposes. This paper based system involves manual filling and can result in misplacement of documentation. Supervisors are contacted to review applications when the PGO physically sees them or sends an email. The turnaround time of approval of a PG application, the physical space manual filing takes up and the risk for misplacement of documents are all issues with the current process. In order to alleviate these issues a web based system will be used as a central repository for all applications to the School of EIE and manage the process of approval within the school.

2 Project Objectives

The project has the following objectives:

- Gather system requirements from various stakeholders and compile them into a complete Software Requirements Specification(SRS) Document.

- Design a system that satisfies the requirements laid out in the SRS.

- Implement a prototype that demonstrates limited functionality of the designed system.

- Produce a System Architecture Document(SAD) describing the system design from various perspectives.

- Produce a Sprint Planning and Sprint Retrospective document detailing the project management aspects of the system development.

3   Stakeholders

The following lists the stakeholders in the development of this system:

3.1   School of Electrical and Information Engineering

- Mrs. Mumtaz Adam: The post graduate officer (PGO).

- Professor Ling Cheng: The post graduate coordinator (PGC).

- Supervisors: Various academics within the school who shall supervise applicants.

- The Applicant.

3.2   Development Team

- Professor Ekow Otoo: The product owner.

- Mr. Kenan Karavoussanos

- Mr. Shaylin Pillay

- Mr. Preshen Goobiah

- Mr. Marc Karp

4   Project Guide

To easy access to the other sections of the project, click the links below:

- Github repository

- Software Requirements Specification Document

- Software Architecture Document

- Sprint Plan and Retrospective

- Project Source Code

Additionally, the website is located at http://pgasystem.azurewebsites.net
Test Login Credentials for different users:

User Type	Username	Password
PGO	PGOUsername	PGOPassword123
PGC	PGCUsername	PGCPassword123
Supervisor	SupervisorUsername	SupervisorPassword123