COMS3002 Software Engineering
Lab 1

Group 8
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Glossary

Postgraduate Officer - PGO
Postgraduate Coordinator - PGC
Postgraduate Faculty Officer - PGFO

Project Description

Our aim for the project is to create an online postgraduate application approval system for the school of electrical and information engineering. This system will be completely paperless to keep the paperwork of the activity to a minimum.

The PGO will receive completed applications from students and required documents from SIMS. These applications will be checked to make sure they are ready to process. Once they are checked, the applications with the required information can be sent to one of the three users that will either recommend or not recommend an application. The three actors are the Research Group Lead, Identified Supervisor and the PGC. The application will be sent to either one of these actors based on the program that the application is for. If an interview is needed, one of the three actors can book an interview with the applicant. After the interview the user can recommend/not recommend the application. The application will then be sent to the PGC who will then accept or reject the application based on the the application being recommended or not and based on faculty rules and regulations. The PGFO will receive an email/notification about the application's status. The applicant and the schools PGO will also receive an email notifying them whether the application was accepted or rejected with an explanation.

Project Tasks

- Back-end: Send PGO a notification for applications to be approved.

- Back-end: Downloads required documents from SIMS.

- Back-end: Check applications to make sure there is nothing missing and there is no errors.

- Back-end: Send Research Group Lead, Identified Supervisor or PGC the application with relevant documents, based on on program.

- Back-end: Send notification email to applicant for interview.

- Back-end: Send the application, with relevant documents, to the PGC for acceptance or rejection.

- Back-end: Verify the application based on faculty rules and regulations.

- Back-end: Update SIMS and notify PGFO.

- Back-end: Send an email to the applicant and PGO notifying them about the application status with explanation.

- Front-end: PGO should receive notifications for applications that need to be approved.

- Front-end: The three actors should only be able to see the relevant applications with the required information based on the type of application.

- Front-end: Actor needs to have the option to send the applicant an email of all the details (date, time and venue) regarding the interview.

- Front-end: If an interview is needed, the actor can only recommend/not recommend an application once the interview has been conducted.

- Front-end: The relevant actor needs to be able to recommend/not recommend an application if no interview is needed.

- Front-end: PGC will need to be able to receive a notification and will be able to see all recommended/not recommended applications - in which he will then accept or reject the application based on the recommendation with an explanation.

- Front-end: The PGFO will receive a notification about applications status.

Student Responsibilities

- Abdulkadir Dere - Group Leader

- Brenda Lin - Quality Assurance

- Jesse Wright - Technical Lead

- Liam Leibrandt - Analysis Lead

Inputs and Outputs Based on Actors

Inputs

- Postgraduate Officer (PGO) - The PGO receives ready to process applications.

- Research Group Lead - The Research Group Lead receives applications waiting to be recommended or not recommended.

- Identified Supervisor - The Identified Supervisor receives applications waiting to be recommended or not recommended.

- Postgraduate Coordinator (PGC) - The PGC receives applications waiting to be recommended or not recommended.

- Postgraduate Faculty Officer (PGFO) - Notification from PGO about accepted or rejected application.

Outputs

- Postgraduate Officer (PGO) - The PGO returns accepted/rejected applications.

- Research Group Lead - The Research Group Lead returns a recommended application or not recommended application or decides if an interview is needed.

- Identified Supervisor - The Identified Supervisor returns a recommended application or not recommended application or decides if an interview is needed.

- Postgraduate Coordinator (PGC) - The PGC returns a recommended application or not recommended application or decides if an interview is needed. Also accepts/rejects application.

- Postgraduate Faculty Officer (PGFO) - A sent letter to the applicant and to the schools PGO.