Graduate Record Validation System

# User Scenario

This system will be used for validating graduate students of Institute of Information Technology of University of Dhaka. Here the end users are UGC staffs (Admin, Staff 1, Staff 2), University staffs (Registrar, Data entry operator 1, Data entry operator 2), Graduate students, Stakeholders (Foreign universities, Employers), Payment processing partners.

System admin can add information (name, email address, mobile number, password, and role) about Admin, Registrar, Program officer of Institute/Department, Students, Stakeholder and assign their roles (Admin, Registrar, Program officer of Institute/Department, Students, Stakeholder). System admin can do all operations those defined for other users.

System admin can view activity log, generate report of all things. Activity log keeps track of information change.

(Student profile information depend on Registrar input) Student can log in to the system with his/her email address, password, and registration number. After logging in into the system, he/she can view his/her profile with personal information, academic information, and payment request from stakeholders. Personal information are name, email address, mobile number, present address, permanent address. Academic information are registration number, session, year, institute/department, university name. If any payment request is received, then he/she can pay through external system (PayPal). Response from external system will be recorded in database. Student can edit his/her personal information.

UGC staff can login into the system with email address, password. He/she can add university (name, location, website), university’s registrar with his/her information. UGC staff can generate report with all information (University wise, payment wise).

Registrar will login into the system with his/her email address and password. In Registrar profile, he/she can view his/her personal information (Name, designation, university name), add, edit and delete student information, and add digital signature to verify graduate student information, which are pending for approval. Registrar can generate reports that belong to his/her university.

Institute/Department program officer login into the system with email address, password. In PO profile, he can view his personal information. PO can define number of semester, add course in corresponding semester. PO can insert, update and delete students’ semester wise course results. PO can generate reports that belong to his/her institute/department.

Foreign universities or employers can access the system to validate their candidate students’ information. First, they have to enter student’s name, registration number, university name, mobile number and email address. If students’ information is available in the system, then stakeholder need to provide his/her credentials- name, designation, organizations’ name, contact number and email. After inserting that information, a request will be sent to the corresponding student as a payment request. If the payment is completed, a notification will be sent to Registrar to attach digital signature (signature image) to verify that student’s information. After completing verification, a link will be sent to stakeholders’ email address. Through this link, stakeholder get student has verified information.