

PICTORIAL REPRESENTATION OF THE PROPOSED PROCESS AUTOMATION INTERACTION



As shown in the pictorial representation above, the School Management, Applicants, Students, Accommodation Hall Authorities, Departments and other staff of the Institution will easily interact within the proposed automated processes indicated above and through various mediums.

Information supplied by applicants to the institution can easily be viewed and acted upon by the concerned departments units in the school, while decision made by such departments on the application will be made available to the concerned applicant through the platform designed.

In addition, the relevant information supplied by registered student of the Institution will be accessible to the various Departments, the School Management and Authorized Accommodation Hall Officials. These information made available centrally through the proposed portal, will assist and contribute to the timeline and quality of decisions made at the Management, Departmental and other levels with respect to the registered students of the Institution. The solution also points to the possibility of virtual classroom interactions for registered students.

THE PROPOSED SOFTWARE CONTENT

The focus of this project is the development of a software that will enhance the institution in the following areas of the school's activities:

1. Student Online payment platform
2. Prospective Student's Application
3. Student registration and student bio data computation
4. Calculation of students GPA and CGPA at the end of each semester and session
5. Generation of statement of result.
6. Generation of students' result spread sheet (Master Mark Sheet)
7. Generation of Transcripts.
8. Access to the present and past students' database as well as the effective tracking of all the college students
9. Transaction Report for Management's information and decisions.

The software proposed will have various modules consisting of the following specific important contents and links in other to achieve the shared objective. They are as listed below:

1. PROSPECTIVE STUDENT'S APPLICATION PORTAL		
		FEATURES
1	Online Application by Prospective Students	<ul style="list-style-type: none">▪ Enable interested applicants to freshly apply (Fully automated)▪ Portal will allow applicants to supply their personal profiles and manage their individual profiles▪ Applicants would be able to upload their credentials in selected electronic format▪ Applicants could generate application Invoices, code processing Invoices and make online payment▪ Applicants would be provided notification of their application status, serving as feedback▪ Portal will allow admitted applicants to print their admission letter online▪ Portal will allow admitted applicants to print their clearance form▪ User Access Control (admin creates other users)▪ Student access password
2	Application Status Notification	
3	Document upload	
4	Online Payment Link	
5	Printable Admission Letter and Clearance Form	

2. STUDENT'S REGISTRATION PORTAL		
		FEATURES
1	Student fees payment link	<ul style="list-style-type: none">▪ Newly admitted and returning students would allowed to specify registration related information such as courses online▪ Students would have the ability to manage their personal profile▪ Students could generate Tuition related Invoices. Allowance would be made for payment in installments▪ Portal will enable student to generate Invoices for other fees such as:<ul style="list-style-type: none">▪ Accommodation▪ Code Processing▪ Statement of Result▪ WES Verification
2	Student direct debit portal (linked through a good financial institution)	
3	Student Bio- Data (Name, Address , Pictures)	

4	Printable course form	<ul style="list-style-type: none"> ▪ Certificate Collection ▪ Carry Over Student ▪ Transcript
	Add and Delete Platform	
		<ul style="list-style-type: none"> ▪ Students would be provided notification of their registration status, serving as feedback ▪ Portal will allow Student to print their registration form online ▪ Portal will allow admitted applicants to print their financial clearance form ▪ Portal would enable students to add and delete courses User Access Control (admin creates other users) ▪ Student access password

3. ACCOMODATION HALL PORTAL		
		FEATURES
1	Online Information of Students for Accommodation	<ul style="list-style-type: none"> ▪ Portal would allow Accommodation Hall Management to manage personal profile ▪ Hall warden and related staff would be able to access student profile, allocate rooms & bed spaces to qualified students ▪ Staff would be able to confirm payment for accommodation and interact through the platform ▪ User Access Control (admin creates other users) ▪ Student access password
2	Online Allocation of Rooms & Bed Spaces	
3	Payment Link & Confirmation	

4. VIRTUAL CLASSROOM PORTAL		
		FEATURES
1	Lecturer's and Departmental Profiles	<ul style="list-style-type: none"> ▪ The portal allow for virtualized teaching environment which would promote real time dissemination of information from the lecturer to the student and allow for feedback from the student ▪ Interaction mode would include: <ul style="list-style-type: none"> ✓ Video ✓ Audio ✓ Text ▪ Allow sending assignment and submitted assignments ▪ Arrangement would be based on Lecturers and Courses assigned and students registered ▪ Lecturer access password ▪ Student access password ▪ User Access Control (admin creates other users)
2	Course Details	
3	Lecture Allocation with date and scheduled time	
4.	Student Information and Performance Report	

5. DEPARTMENTAL PORTAL		
		FEATURES
1	Online Information of Students for Accommodation	<ul style="list-style-type: none"> ▪ Portal would allow the management of profiles of individual lecturers ▪ Portal would enable the management of department profiles ▪ The management of course profiles would be available ▪ Lecturers could be assigned to specific course courses to coordinate ▪ Students profile and registration information would be accessible – Both Major and Minor students
2	Online Allocation of Rooms & Bed Spaces	

3	Payment Link & Confirmation	<ul style="list-style-type: none"> ▪ Student data would Interact with Departmental data ▪ Departments would be able to generate relevant reports on students registered in Department ▪ User Access Control (admin creates other users) ▪ Course entry and editing ▪ Lecturer access password
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6. PAYMENT PORTAL		
		FEATURES
1	Online School Fees Payment	<ul style="list-style-type: none"> ▪ Portal will allow Students to make payment for their School Fees, Accommodation, Transcript and other payment types specified ▪ Payment record accessibility and printing ▪ Students' profile, registration information and payment details will be accessible ▪ Student data will interact with departmental data ▪ Accounts Department and Management will be able to generate relevant payment reports on students from different departments ▪ Payment Receipt will be printable and saved electronically ▪ User Access Control (admin creates other users) ▪ Student access password
2	Online Payment and Generation of Transcript	
3	Online Payment and Generation of Statement of Result	

7. RESULTS PORTAL		
		FEATURES
1	Master Mark Sheet (MMS)	<ul style="list-style-type: none"> ▪ Portal will allow Students have access to their results (Assessments e.t.c.) ▪ Payment receipt will be downloadable, printable and saved electronically ▪ Transcript reports are accessible and printable after payments are made by Students ▪ Generation of result lists based on student grade point for awards ▪ Downloadable lecturer's result entry format ▪ User Access Control (admin creates other users) ▪ Student access password ▪ Lecturer access password
2	Score Entry	
3	Summary Result (Academic Board Results)	
	Detailed Result	
	Statement of Results (SOR)	
	Payment Link	