

Design, Development and Implementation of EMIS system

University, School of Business is an institution rich in resources with a strong band of competitive graduate and undergraduate students. A leading constituent business school of the University, the Faculty of Management Studies, in efforts to maintain quality and consistency focuses on academic growth and professional competence of individual students.

Technology has been a key to increase the effectiveness and efficiency in record analysis and reporting of internal data. Implementation of EMIS to manage the student record keeping, processing and reporting will add high value in improvement of School of Business for better market presence.

Business seeks pathway to effectively implement the EMIS system through information that can work along with the organization objective, Mission and Vision. This software development provides an optimal path of software requirement and a process that delivers an integration of Information Technology at School of Business to manage student management Process to achieve objective while aligning to its Mission.

Objectives

to implement the EMIS (Education Information Management System) to improve the management, monitoring, reporting and planning of student track record to increase management of school of business.

Objectives

- to analyze and design of EMIS system
- to develop and implement the EMIS system
- to improve the record keeping method using information technology system.
- to improve the internal monitoring system through EMIS system.
- to improve internal reporting system using EMIS

Service

to aims to analyze, design, develop and implement EMIS to improve the record keeping and reporting process of student track record with in school of business. Development and Implementation of this system includes analysis and investigation of students records and reporting process and

Investigation of current record keeping and reporting system, and Operationalize EMIS system.

Develop data to EMIS system.
 Consulting to SoB staff and stakeholder for maintenance and use of the system
 Identification for future expansion and appropriate technology for future

For detailed scope please refer to last page.

Standard

Standard is required to used open source platform for software development and shall be required recurring payment (royalty) for use.
 The asset that required identifiable standard approach in software development.
 The asset should follow identifiable standard approach in software development.
 The asset should be used web-based technology.

Support:

EMIS should be easy to handle.
 EMIS should be available whenever necessary.
 Phone or any feasible Support should be available whenever necessary.

Help section.

Provide easy to understand manuals and other related documents.

Provide video for tutorials so that it can be directly uploaded on YouTube for demand and side to understand the process of information request and response.

Software should be latest operating system compatible.

Software should be fully responsive and user friendly.

Software should be Straight forward User Interface.

Skills and Experiences of software vendor:

At least 3 years or more of experiences in software development related to MIS and software development and services.

After university Degree in Software engineering or Information Technology

Persons working experiences with government agencies will be an additional benefit.

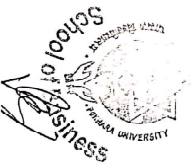
Resource

Human Resource	Qualification
Team Lead x1 - <i>Shaelin Glavin</i>	MSc Computer Science
Project Manager x1 - <i>Sarej Glavin</i>	Master Information System
Developer x1 - <i>Jeevan Dalal</i>	B.E Computer
	B.E Computer



...study of the government organizations working procedures before contract. Consultants are encouraged to come up with their suggestion as well in the workshop. Development of the software within 6 weeks of the contract. Testing over of the software within 2 weeks after completion of development stage.

...months of piloting services shall be offered by the consultant. Consultant shall not bear the financial liability for fixing the problems arise during these six months after deployment of the software. Consultant shall be any realization for modification or addition of some other features SoB request to the contractor and contractor shall modify or add as per SoB's request in the scope of the software. Consultant shall maintain the system and administration documents should be handed to School of Business with admin access.



Detail Scope of Project

Module	Details	Amount
Management	1. Student Information Entry	102500.00
	<ul style="list-style-type: none"> 1.1. Demographic profile 1.2. Educational profile 1.3. Socio economic profile 1.4. Students contact 1.5. Students related other profile 1.6. Registration details 	
	2. ID Card Generation	
	3. Grade Management	
	3.1. Create New Grades	
	3.2. Modify Existing Grades	
	3.3. Delete Grades	
	4. Remove and Inactive students	
	4.1. Drop out remove	
	4.2. Inactive by absence	
	4.3. Inactive by fee not paid	
	4.4. Inactive by disciplinary actions	
	4.5. Inactive by poor performance	
	4.6. Reactive of students	
	5. Search and Reports Generation	
	5.1. Students search by SNo. 1 to 5	
	5.2. Students Report by SNo. 1 to 5	
	6. Additional Features	
	6.1. Export Reports to Excel	
	6.2. Print Preview of Reports	
	6.3. Students message via SMS	
	7. Pass out Students	
	7.1. Address of ex-students	
	7.2. Exit date	
	7.3. Involvement of ex-students	
	7.4. Subject wise grade	

Management	Examination	102560.00
<ol style="list-style-type: none"> 1. Faculty Profile <ol style="list-style-type: none"> 1.1. Demographic profile 1.2. Qualification profile 1.3. Position profile 1.4. Subject of teaching 1.5. Program and workload 1.6. Committee involvement 1.7. Research involvement 1.8. Publication involvement 2. Faculty Reports <ol style="list-style-type: none"> 2.1. Faculty Reports by students 2.2. Faculty report by subjects 2.3. Faculty report by program 2.4. Faculty report by Position 3. Additional Features <ol style="list-style-type: none"> 3.1. Faculty Search 3.2. Export Reports to Excel 3.3. Print Preview of Reports 	<ol style="list-style-type: none"> 1. Exam Setup <ol style="list-style-type: none"> 1.1. Subjects 1.2. Full marks & Pass Marks 1.3. Grade 1.4. Entry & Assignment <ol style="list-style-type: none"> 1.4.1. Obtains marks Entry 1.4.2. Exam Attendance for Theory and Practical Separately. 1.4.3. Exam Symbol Number 1.4.4. Registration Number 1.4.5. Subject assign to Student 1.4.6. Subject Registration for Exam with particular Student. 1.4.7. Assignment Marks Entry 1.4.8. Upload Data from excel sheet. 1.5. University Exam with Back Paper <ol style="list-style-type: none"> 1.5.1. Assign Student to University Exam 1.5.2. Assign Subjects to Student 1.5.3. Bulk Marks Entry of all assigned subject at a time with both theory and practical subject. 1.5.4. Manage single subject's multiple attempts. 1.5.5. Keep reports of assigned subject in serial number. 	200060.60

- 1.5.6. Display history of exam attempts of individual students of Academic year wise.
- 1.5.7. Print History in PDF format.
- 1.6. Reports
 - 1.6.1. Batch wise Summary Reports of all activities about exam.
 - 1.6.2. Marks Ledgers
 - 1.6.3. Progress Reports
 - 1.6.4. Graduate Students
 - 1.6.5. Result Analysis
 - 1.6.6. Result Analysis with Teacher
 - 1.6.7. Result in Percent in batch-wise
 - 1.6.8. Compare Student marks with previous subject
 - 1.6.9. Result analysis with Percent slot
 - 1.7. Thesis management
 - 1.7.1. Title of thesis
 - 1.7.2. Thesis Start date, End date, viva date
 - 1.7.3. Notification
 - 1.7.4. Supervisor
 - 1.7.5. Expert

Total

405000.00

part in Words: Four hundred five thousand only

Charge

Annual Maintenance Charge 20% of Development cost

81,000.00

part in Words: Eighty one thousand only

- No Annual Maintenance cost will be incurred on first year of deployment. It is subject to adjustment on contract negotiation.

Shruti

Sunny Ghosh



Professor,
Kathmandu University,
Kaski



Financial Proposal – Design, Development and Implementation of Education
Management Information System (EMIS) Software
09/05/2019

We, the undersigned, offer to provide the consulting services for Designing, Developing and Implementation of Education Management Information System (EMIS) in accordance with your request for financial bid requested on the letter dated 2076/01/20 received on data 20/01/23.

Estimated Financial Proposal is for the amount of 405,000.00 NPR (Four Hundred and Five Thousand Only), including of all indirect local taxes.



Signature: Suresh Gharti
Project Manager
+977985031873



Company Seal

Financial Proposal Detail

Regd. No. 96174/069/070
 Kusunti, Ekantakuna, Jawalakhel, Lalitpur - 13, Nepal
 E-mail: info@robustitconcepts.com

Development and Implementation of Education Management Information System
 Special Breakdown based on requested modules.

Software Modules		Amount
Student Management		102500.00
Faculty Management		102500.00
Examination Management		200000.00
	Total	405000.00
Maintenance Cost (AMC)		
Maintenance Cost (AMC) - of Development cost		20%

Maintenance Cost will be incurred on first year of deployment.
 subject to adjustment on contract negotiation.

