

Opportunities of BdREN as Service Providers

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Objective of My Talk

Data Center and University Management System

Question 01 – Should we have our own server and data center?

Question 02 – Should we purchase/develop a software product, i.e., University Management System?

QUESTIONS ARE FROM UNIVERSITY PERSPECTIVE

Elements of Data center

Servers

Server racks

Routers

Switches

Modems

Firewalls

Cables

Backup storage

Power and cooling infrastructure

Uninterrupted power supply system

Engineer support

What is a software product purchase?

Buy a source code control system.

Set up a server and install the software.

Pay ongoing support costs: providing power to the server keeping the server cool, applying security and operating system updates to the server.

Pay costs associated with administering the hardware and labor costs to update and upgrade the software.

Carry risks—a hardware failure—which can cause downtime or lost data.

Bear the costs of designing and maintaining a secure system.

What If we outsource all of the above?

pay an IT services entity to manage the hardware and the software for you, including the security model

just use the software service

No need to keep individual Engineer

UCAM (University Comprehensive Academic Manager)

Admission Management
User Management
Curriculum Management
Student Information Management
Registration Management
Student Bill Management
Attendance Management
Mark Management
Result Processing
Transcript, Certificate Management
Student Portal Go Live
Course Evaluation Management
Class Routine Management
Room Booking System
Exam Seat Management
Scholarship/Waiver Management
Degree Verification Management
Library (KOHA) Fine Integration
Budget Manager
Accounts Manager
HR Management
Payroll Management
Fund Management
Hostel Management
Transport Management
Student Document Management
Alumni
E Learning (Moodle)

Opportunities at BdREN

Connecting all the universities

Central Data Center facility

Completely secured

Very high end processing power

24/7 up and running

The Perfect place to host UCAM as a software service.

Service Model

1. BdREN hosts UCAM on multiple servers. BdREN manages the hardware and software—and realizes the cost of that management.
2. Universities subscribe to the service—getting the right to use the software for as long as they continue to pay the recurring subscription fees.
3. The software makes both major and minor updates to the software, and the universities automatically get many of those updates as part of their subscription or with minimal cost.

UCAM Users

Bangladesh University of Professionals (BUP)

Bangladesh Open University – School of Business (BoU)

Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU)

BGMEA University of Fashion Technology (BUFT)

Gono University – Dept. of Medical Physics

Global University

Manarat International University (MIU)

United International University (UIU)

University of Information Technology and Sciences (UITS)

THANK YOU