

Process System Process	Human	Non-comb Hardware	Computing Hardware	Software	Database	N Co
Preparing Course Assessment	Instructor: 1)Log in to a “ New System ” . 2) Instructor will be shown the courses they have/had for every semester under “Semester” Tab. 3)Select course (section and thereof). 4)Create (quiz/ exam/ project) 5)For each student, each student’s score for each question. 6) Upload the Assessment report for the students. Student : 1)Login to the “ New System ” . 2)Goes to desired course. 3)Click on “Course Assessment’ 4) Download it.	Google Forms : 1)Used for recording a student’s remote response to the questions.	Computer : 1)Used for accessing the “New System”. Printer : 1)Printout the softcopy of Assessment report.	New System Faculty frontend : 1)Provides user interface for the faculty to enter student assessment data	Google Classroom: 1)Import assessment data from google forms(or classroom, depending on their API), manually or automatically .	In 1) fu ap pr re se in Er 1) m th m
	Instructor:	Pen and Paper:	Computer/Phone:	New System Instructor frontend:	Networking devices (Router,	In

Instructor Able to see the result of another courses of a Student	1.Login to New System. 2. Search that specific student's id. 3. See the grades of other courses for intended semester but only his/her(Instructor) Department. Register Office: 1.Access New System. 2.View Students grades of other courses if and when it's necessary.	Note down the grade if needed.	1.Used for accessing New System. 2.Used Computer to make softcopies. Printer: Printout the softcopies.	1. Provides the online user interface for viewing grades.	Switch Bridge, Hub): Used by Instructor and students to access the Internet. Database Server: Instructor receive the student information in New System.	Al se in
Students will be able to get grades from Department instead of Instructor	Department: 1.Collect the student's OBE mark sheet & gradesheet. 2.Log in to New System. 3.Click on "Performance Monitoring" tab. 4.Search Student I'd to upload his/her grade. 3.Select a particular course & section	Calculator: Marks are calculated with a calculator.	Computer: Used for accessing IRAS. Printer: Printout the softcopy of the mark sheet.	Excel sheet: Marks-sheet can be created using Excel sheet, Google sheet Email Software: Used for communication between Department head and Instructor.	New System RDBMS: 1. This Database management used to store and maintain student grades' information	In Th be er in pl

	<p>according to the Department.</p> <p>4. Submit the grade next to the student's name based on their PLO & co achievement and OBE mark sheet</p>					
<p>UGC approves curriculum based on PLO and CO</p>	<p>Higher management:</p> <p>1)Log in to New System .</p> <p>2)Requests for Program approval to UGC based on Plo & CO.</p> <p>UGC :</p> <p>1)Receive the request from Higher Management.</p> <p>2)Feedback the higher management.</p>	<p>Paper :</p> <p>1)Use to print book of curriculum.</p> <p>2)Use for signature.</p>	<p>Printer :</p> <p>1)Use for print.</p> <p>Computer:</p> <p>1)Save the file.</p>	<p>Microsoft Word:</p> <p>1)Use for save book.</p> <p>Excel sheet:</p> <p>Necessary data store .</p>	<p>Gmail :</p> <p>Using for mail send.</p> <p>Web Server:</p> <p>1)Update information .</p> <p>Microsoft Excel Database:</p> <p>Instructor excess CO's form.</p>	In
	<p>Department:</p> <p>1.Login to New System.</p> <p>2.Click on "Performance Monitoring" tab.</p>	<p>Paper:</p> <p>Instructor send the hardcopy of the semester wise student performance report to the</p>	<p>Computer/Phone:</p> <p>1.Used for accessing New System.</p> <p>2.Create softcopies of record of all assessment date.</p>	<p>Excel sheet:</p> <p>Record necessary assessment data in Excel sheet.</p> <p>Department frontend :</p>	<p>New System server:</p> <p>Store update activity.</p> <p>Department Storage:</p>	In

Department Head able to see all instructor performance	3.Select course and section, according to Department .		Printer: 2.If needed Printout the softcopies.	Update activity of Instructor. Printing Software: Used for printing Software doc. PDF Viewer: To view the transcript in PDF-form.	Record of instructor assessment.	
Higher Management and Instructor viewing OBE marksheets and gradesheet	Department Head/ Dean/ VC/ Board of Trustees: 1)Log into New System Department Head dashboard. 2)View department Assessment report . 3)View Course Assessment Reports & OBE Marksheets, searchable by year, according to the Department & Course. 4)View individual student reports. Instructor: 1)Log into New System Instructor dashboard.	Pen and paper: 1. May be used for high-level notetaking.	Cloud Server: 1. Receive and process incoming requests Computer/ mobile: 1. View reports & marksheet ,gradesheet.	New System Instructor frontend: 1. Provide user interface for online Instructor navigation. 2. Show specific reports on request. 3. Sort report data in customizable ways (by PLO, by CO, by semester, by course, by time) Excel sheet: Record necessary report in Excel sheet.	System RDBMS: 1. For a specific course and student(s), retrieve PLO/ CO achievement data from RDBMS and tabulate them. 2. From tabulated data, derive outcome analysis and verdict.	In 1. fu ap pa th th

	<p>2)Using ID & Password.</p> <p>3)Click on “Performance Monitoring” tab.</p> <p>4)View Course Assessment Reports & OBE Marksheets according to the Department,Course & Section.</p> <p>5)Download them if they want or need.</p>					
<p>Instructor viewing CGPA and change the grade</p>	<p>Student:</p> <ol style="list-style-type: none"> 1.Log into New System Student Dashboard 2. Goes to desired course 2.Click on “Request Grade Change” 3.Fills form e.g. with reason for grade change 4.Submits the grade change request <p>Instructor:</p> <ol style="list-style-type: none"> 1.Logs into Instructor dashboard 	<p>Pen and paper:</p> <ol style="list-style-type: none"> 1. May be used for high-level notetaking. 2. Hard copies of student test papers used for review 	<p>Computer/Phone:</p> <ol style="list-style-type: none"> 1.Used for viewing and making changes to grades 	<p>New System Student frontend:</p> <ol style="list-style-type: none"> 1. Provide user interface making grade change requests 2.Show “Request Grade Change” interface 3.Provide field to input reason for grade 4.Show submit buttoninterface <p>New System Instructor frontend:</p>	<p>New System RDBMS:</p> <ol style="list-style-type: none"> 1. Changed grade data are stored here 	<p>In</p> <ol style="list-style-type: none"> 1. a ap pa th th

	<p>2.Reviews grade change request</p> <p>3.Check exam Papers and other assessment upon request.</p> <p>4.If change needs to be made, then the instructor change the grade and inform or Submit the grade to the Department.</p> <p>5.If not, end the process. Mail the student that his request has been denied.</p> <p>Department</p> <p>1.Receives information regarding grade change of a specific student in a course.</p> <p>2. Updates the OBE marksheet and grade sheet with the new grade and stores it in the department storage.</p> <p>3.Inform to the Register's office for changing the grade.</p> <p>Register's Office:</p> <p>1)Receive a request from the department for updating new</p>			<p>1.Provide user interface for instructor to make grade changes</p> <p>2.Show requested grade change details</p> <p>3.Show approve or disapprove button</p> <p>4.If approved, provide field for new grade input</p>		
--	---	--	--	--	--	--

	<p>grade of a student in a specific course.</p> <p>3)Updates the register's office storage with the new grade</p>					
<p>Student viewing PLO & CO</p>	<p>Student:</p> <ol style="list-style-type: none"> 1.Log into New System Student Dashboard 2. Click on "Performance Monitoring" tab 3. Select course and time period 4. Click on "Plo & CO's report" 5. View OBE marksheet in browser. 7. Obtain information about their performance for the selected semester. 8. Download report in PDF form 	<p>Pen & Paper:</p> <p>Note down the grade if needed.</p> <p>Calculator:</p> <p>Marks are calculated with a calculator.</p>	<p>Computer/Phone:</p> <ol style="list-style-type: none"> 1.Used for accessing New System. <p>Printer:</p> <ol style="list-style-type: none"> 1.If needed Printout the softcopies 	<p>System Student frontend:</p> <ol style="list-style-type: none"> 1.Provide user interface for online Student navigation 2. Show specific reports 3. Sort report data in customizable ways (by PLO, by CO, by semester, by course, by time) 	<p>New System RDBMS:</p> <ol style="list-style-type: none"> 1. A Database Management Service is used to store, maintain, edit and receive the list of COs and PLOs of each student, student's grade information and transcript. 	<p>In</p> <p>Al</p> <p>se</p> <p>in</p>