

**NSBM Green University**

Faculty of Computing

Group 08

**IS201.3 - Business Processes and ERP**

Module Lecturer: Ms. Lakni Peiris

**Group Members**

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**Finalize ERP Modules**

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| **Target Audience** | **ERP Module** |
| Academic & Student Management | Examination & Grading – manage exams and results. |
| Academic & Student Management | Student Records – central repository for student personal, academic, and contact details. |
| Library & Research | Library Management – manage book circulation and resources. |

**Examination & Grading**

The **Examination and Grading** Module is a component of an educational system that oversees student assessments and outcomes. It is responsible for keeping exam information, documenting student scores, computing grades (such as GPA), and producing transcripts or results. This module aids in monitoring academic performance in a systematic and organized manner.

**Business processes**

1. Create Exam Schedule
2. Prepare Exam Paper
3. Submit Paper for Review
4. Review & Approve Paper
   * If Not Approved **→** Return to Faculty for Revision
   * If Approved **→** Send for Printing
5. Securely Store and Track Paper Versions
6. Open Exam Registration Portal
7. Students Register for Exams
8. Automatically Validate Eligibility (attendance, fees, prerequisites)
   * If Not Eligible **→** Notify Student and Block Registration
   * If Eligible **→** Confirm Registration
9. Allocate Exam Halls
10. Send Final Schedule Notification to Students
11. Receive a Notification
12. Distribute Exam Papers
13. Monitor the Exam Process
14. Conduct Invigilation
15. Handle Incidents (e.g., missing papers, misconduct)
    * If Issues Detected **→** Record Incident and Report
    * If Not **→** Skip
16. Track Exam Attendance
17. Collect Answer Scripts
18. Grade Papers
19. Record Marks into Student Information System
20. Pre-check for Missing Grades
21. Verify Grading Accuracy
    * If Errors **→** Return for Correction
    * If OK **→** Proceed to Final Result Processing
22. Approve Final Results
    * If Approved **→** Proceed to Publish
    * If Not Approved **→** Return for Re-verification
23. Publish Results Online
24. Generate Transcripts Automatically
25. Receive Result Notification
26. Submit Appeal Request
27. Review Appeal
    * If Appeal Valid **→** Update Grades and Notify Student
    * If Invalid **→** Send Rejection Notice
28. Receive a Notification
29. Update Grade Records and Archive Process

**ERP Diagram**

[https://app.diagrams.net/#G1jTXdpg2pgt7YXheeEDRfnOVk\_K8IBbdm#%7B%22pageId%22%3A%22EjB9Pp4UObuVy9hEdKwP%22%7D](https://app.diagrams.net/#G1jTXdpg2pgt7YXheeEDRfnOVk_K8IBbdm)

<https://drive.google.com/file/d/1-kSMQ1zY2Tj6whFqZp8CH9CqehqSjdkm/view?usp=sharing>

