Milestone 2

Business Impact Analysis (BIA)

#	Asset	Description
1	CMS/Portal	Main platform for course delivery, quizzes, and grades
2	Authentication Server	Verifies login credentials and user roles
3	Course Content Database	Stores lecture materials, assignments, and quizzes
4	Student Records System	Tracks grades, attendance, and submissions
5	Communication Tools	emails, notifications from university/ professors

Weights by Impact:

- Operational Impact: 30%
- Financial Impact: 20%
- Reputational Impact: 20%
- Legal/Compliance Impact: 10%
- Academic Impact: 20%

Asset	Operational (30%)	Financial (20%)	Reputational (20%)	Legal (10%)	Academic (20%)	Total Score
CMS/Portal	5 × 0.3 = 1.5	4 × 0.2 = 0.8	5 × 0.2 = 1.0	3 × 0.1 = 0.3	5 × 0.2 = 1.0	**4.6**
Authentication Server	5 × 0.3 = 1.5	3 × 0.2 = 0.6	5 × 0.2 = 1.0	4 × 0.1 = 0.4	4 × 0.2 = 0.8	**4.3**
Content Database	4 × 0.3 = 1.2	3 × 0.2 = 0.6	4 × 0.2 = 0.8	2 × 0.1 = 0.2	5 × 0.2 = 1.0	**3.8**
Student Records System	3 × 0.3 = 0.9	4 × 0.2 = 0.8	4 × 0.2 = 0.8	5 × 0.1 = 0.5	5 × 0.2 = 1.0	**4.0**
Communication Tools	3 × 0.3 = 0.9	2 × 0.2 = 0.4	3 × 0.2 = 0.6	1 × 0.1 = 0.1	3 × 0.2 = 0.6	**2.6**

Recovery Prioritization

Priority	Asset	Total Score	Priority Level
1	CMS/Portal	4.6	Critical
2	Authentication Server	4.3	Critical
3	Student Records System	4.0	High
4	Content Database	3.8	High
5	Communication Tools	2.6	Moderate

RPO and RTO

Asset	RTO	RPO	Justification
CMS/Portal	1 hour	5 minutes	Most important needs to be restored as quickly as possible
Authentication Server	1 hour	5-10 minutes	Important but login is the main concern can accept some small data loss
Student Records System	2 hours	30 minutes	Important but a bit more downtime is acceptable
Content Database	4 hours	1 hour	Can handle a bit of downtime and data loss
Communication Tools	12 hours	4 hours	Least important can handle the longest downtime