**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 |