Milestone 2

Critical Business Assets (Related to the EHR System):

Asset	Description
EHR Database Server	Stores all patient health records and history
Patient Portal	Web interface used by patients to access test results and appointments
Clinical Workstations	Devices used by staff to access and update patient records
Network Infrastructure	Switches, routers, firewalls connecting departments to the EHR system
Remote Access System (VPN)	Used by staff for off-site access, including telemedicine
Backup and Recovery System	Ensures business continuity in case of failure or ransomware attack

Weighted Impact Analysis Table:

Asset	Safety Impact (40%)	Reputation Impact (30%)	Operational Impact (20%)	Total
EHR Database Server	10 (4.0)	9 (2.7)	10 (2.0)	**8.7**
Clinical Workstations	8 (3.2)	8 (2.4)	9 (1.8)	**7.4**
Network Infrastructure	9 (3.6)	8 (2.4)	8 (1.6)	**7.6**
Patient Portal	6 (2.4)	7 (2.1)	7 (1.4)	**5.9**
Remote Access System	7 (2.8)	6 (1.8)	6 (1.2)	**5.8**
Backup/Recovery System	9 (3.6)	7 (2.1)	7 (1.4)	**7.1**

RTO & RPO Table for Hospital EHR System:

Asset	Recovery Time Objective (RTO)	Recovery Point Objective (RPO)	Justification
EHR Database Server	1 hour	15 mins	Primary system for patient treatment and history; must be restored rapidly to prevent patient harm.
Network Infrastructure	2 hours	N/A	Without connectivity, no system can operate; short RTO needed. RPO not applicable as it doesn't store data.
Clinical Workstations	4 hours	1 hour	Staff can temporarily switch to paper, but digital access is needed within hours for safety and coordination.
Backup & Recovery System	4 hours	0 hours	Must be operational to recover all systems. No data loss is acceptable here.
Patient Portal	24 hours	6 hours	Lower priority; can be restored after critical care functions are up.
Remote Access System	24 hours	12 hours	Non-critical during on-site operations; longer recovery is acceptable.