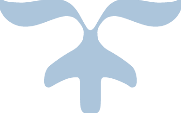


**INFORMATION ASSURANCE[Y1]**

ASSIGNMENT 2

### OCTAVE





Mian Muhammad Bilal

[F2021408054]

| ****Asset**** | ****Access**** | ****Actor**** | ****Motive**** | ****Outcome**** |
| --- | --- | --- | --- | --- |
| Patient Database | Network | External Hackers | Financial Gain | Disclosure, Loss, Modification |
| Patient Database | Physical Access | Insider (Employee) | Revenge | Disclosure, Loss, Modification |
| Staff Information | Physical Access | Insider (Employee) | Fraudulent Intentions | Disclosure, Unauthorized Access |
| Technical Infrastructure | Network | External Threat Actors | Sabotage | Interruption, Loss |
| Technical Infrastructure | Network | Competitor | Industrial Espionage | Theft, Unauthorized Access |
| Databases & Network Equipment | Network | Insider (Employee) | Data Theft | Unauthorized Access, Theft |
| R&D Data | Network | Competitor | Intellectual Property Theft | Disclosure, Loss |
| Backup Systems | Network | Compromised Vendor | Data Theft | Disclosure, Loss, Modification |
| Financial Records | Network | External Hackers | Financial Gain | Loss, Modification |
| Operational Systems | Physical Access | Insider (Employee) | Sabotage | Interruption, Destruction |
| Customer Service Portal | Network | External Hackers | Financial Gain | Unauthorized Access, Disclosure |
| Research & Development Data | Network | Insider (Employee) | Intellectual Property Theft | Loss, Modification |