No	Asset	Threat to asset	Risk description	Impact level 1 to 5	Likelihood level 1 to 5	Severity or Risk level (impact*likelihood)	Mitigating Action
1	Web server	- SQL injection attacks. - Misconfiguration attacks -Broken authentication	Failing to implement control for the web server will **expose** the server data for attacker and will lead to breach as it will affect the value of integrity. Misconfiguration attacks exploit configuration weaknesses found in web and application servers	High 4	Low 2	Moderate 8	-Disable administration interfaces -Disable debugging. - Update and patch - Firewall - Multi-factor authentication
2	Data base	-Database injection attacks.	injection attack will lead to unmanaged sensitive data and loss of data confidentiality and integrity.	High 4	Low 2	Moderate 8	-using parameterized queries (also known as prepared statements) - Firewall
3	Network	-Unauthorized access. - Privilege escalation. - DoS attacks.	unauthorized access to the network make the system in danger and will **affect the accuracy accountability values**. DOS attack shut down network making it inaccessible to its intended users.	High 4	Low 2	Moderate 8	- **Apply advanced application control and protection** -Multi-factor authentication - Allowing and Denying Specific IPs -Upstream Filtering and DDS