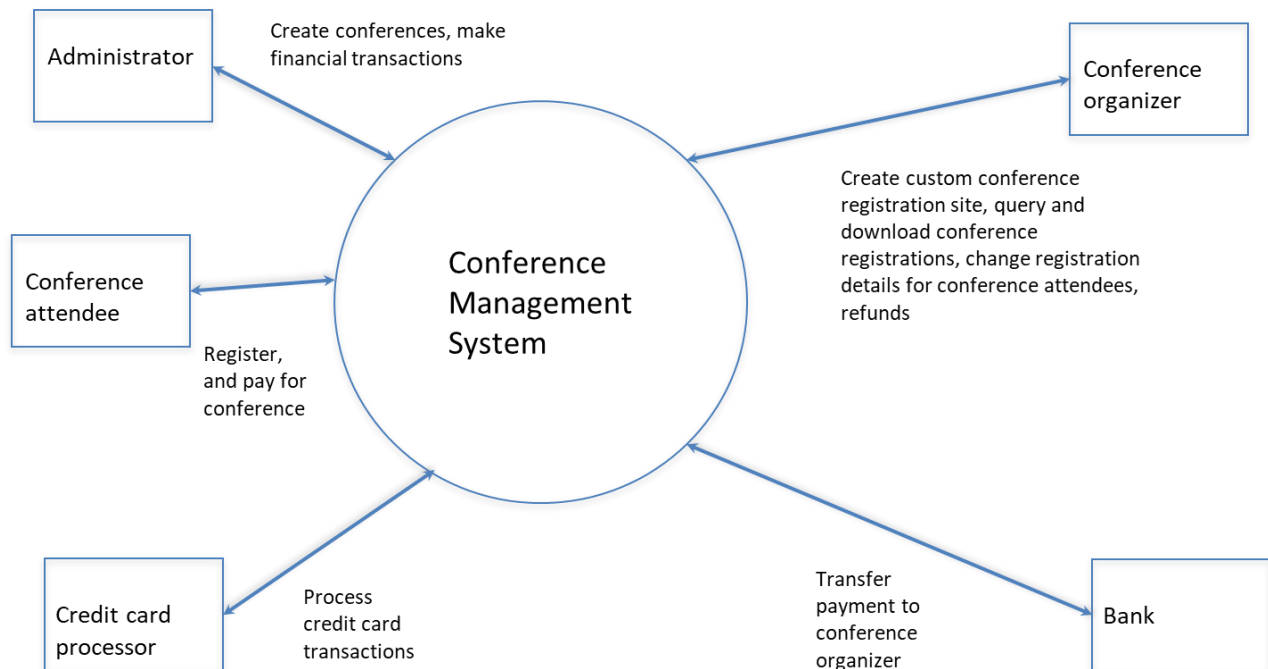


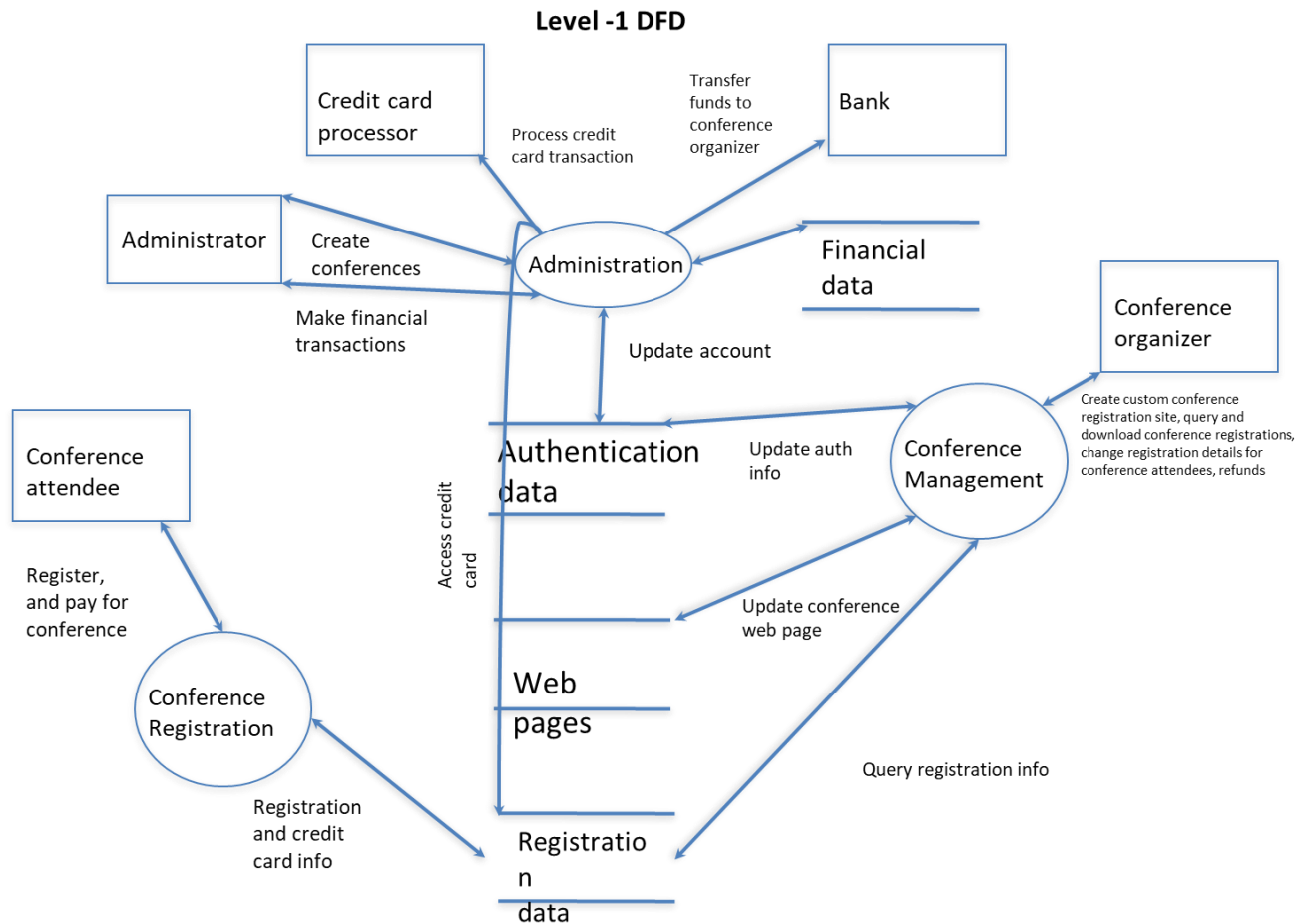
Threat Modeling

ITIS 5221

Sahil Bhirud - 801138029

Context diagram for online conference management system



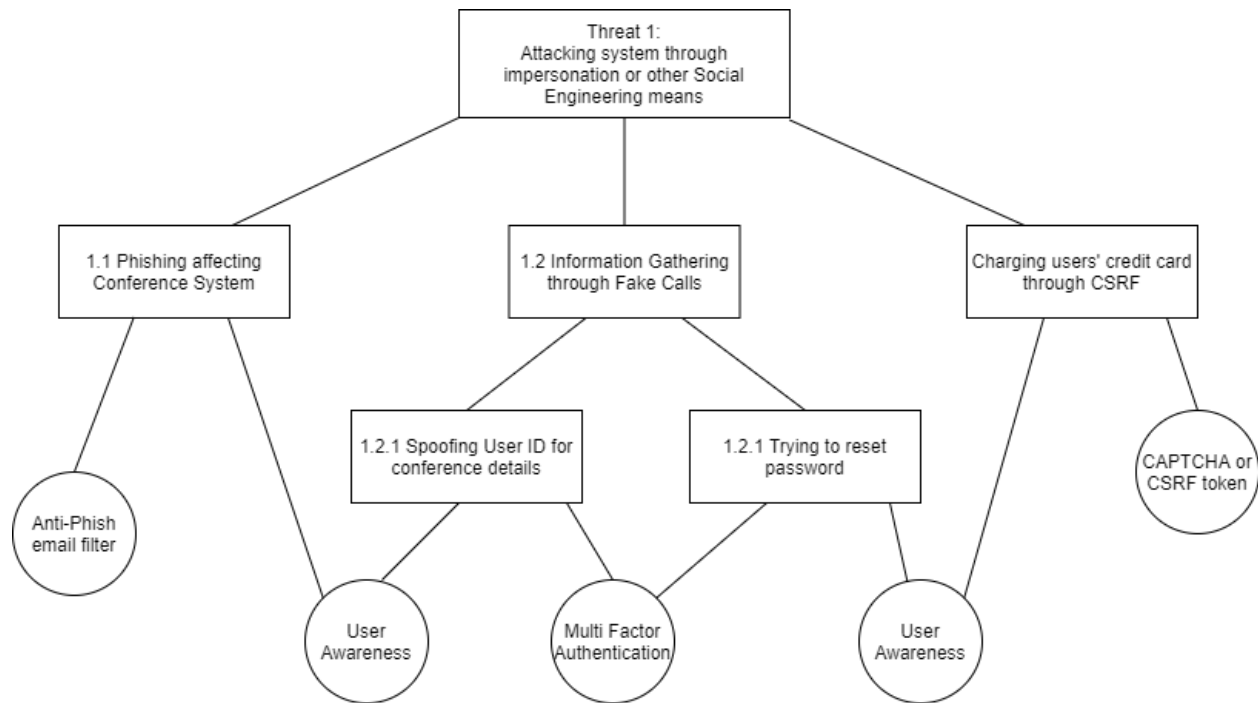


Threat Categorization: STRIDE

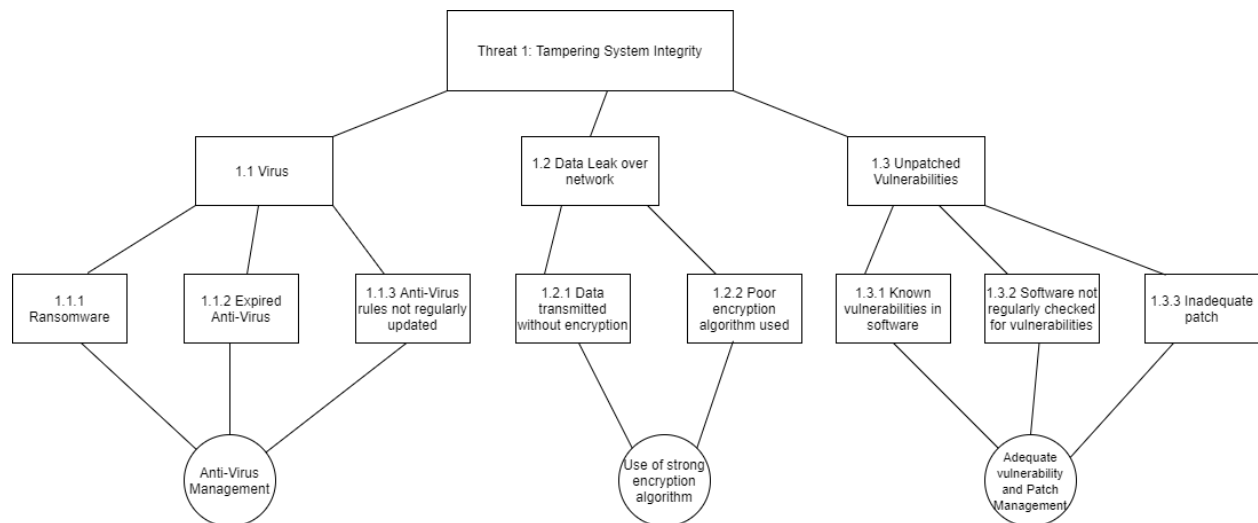
1. **Spoofting:** Spoofting attacks involve impersonating another person or computer without their knowledge, which violates authentication.
Security Control: Authentication
2. **Tampering:** This threat involves modifying something on memory, disk, network, or somewhere else.
Security Control: Integrity
3. **Repudiation:** Claiming to have not performed an action.
Security Control: Non-Repudiation
4. **Information Disclosure:** Exposing information to someone who is not authorized to see it.
Security Control: Confidentiality
5. **Denial of Service:** Deny or degrade service to users.
Security Control: Availability

6. **Elevation of Privilege:** Gain capabilities without authorization.
Security Control: Authorization

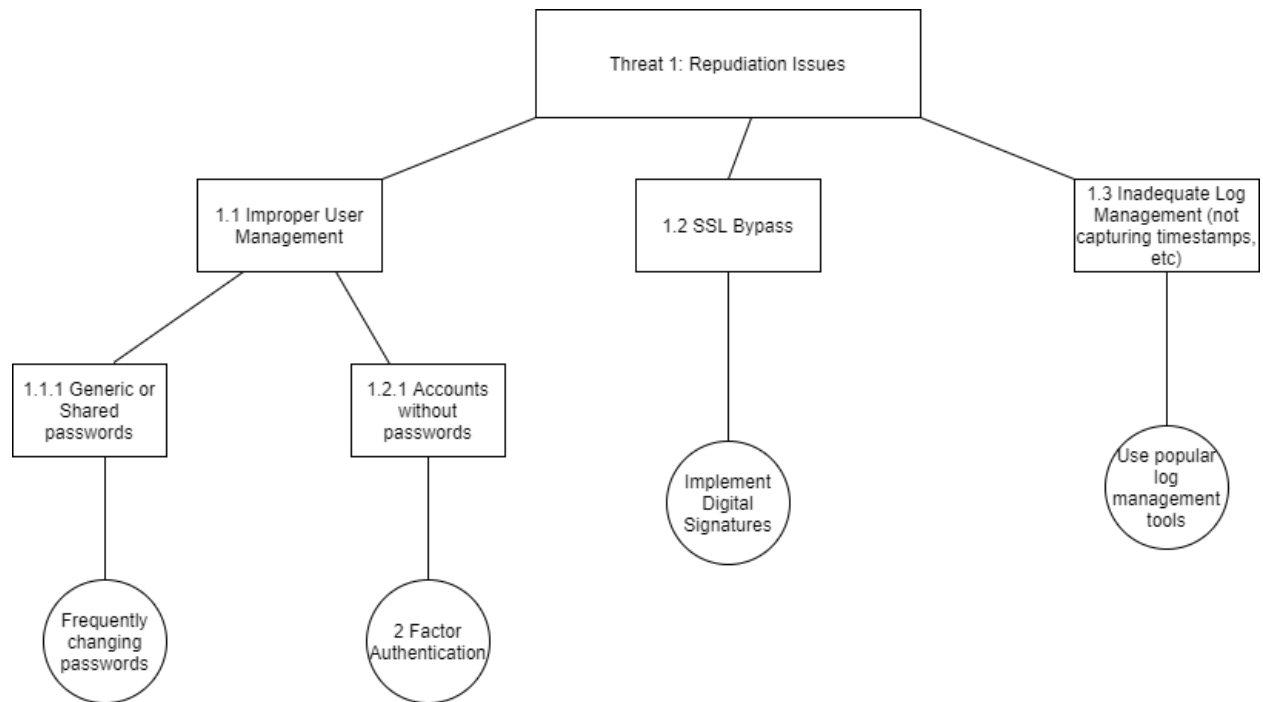
Threat Tree – Spoofing:



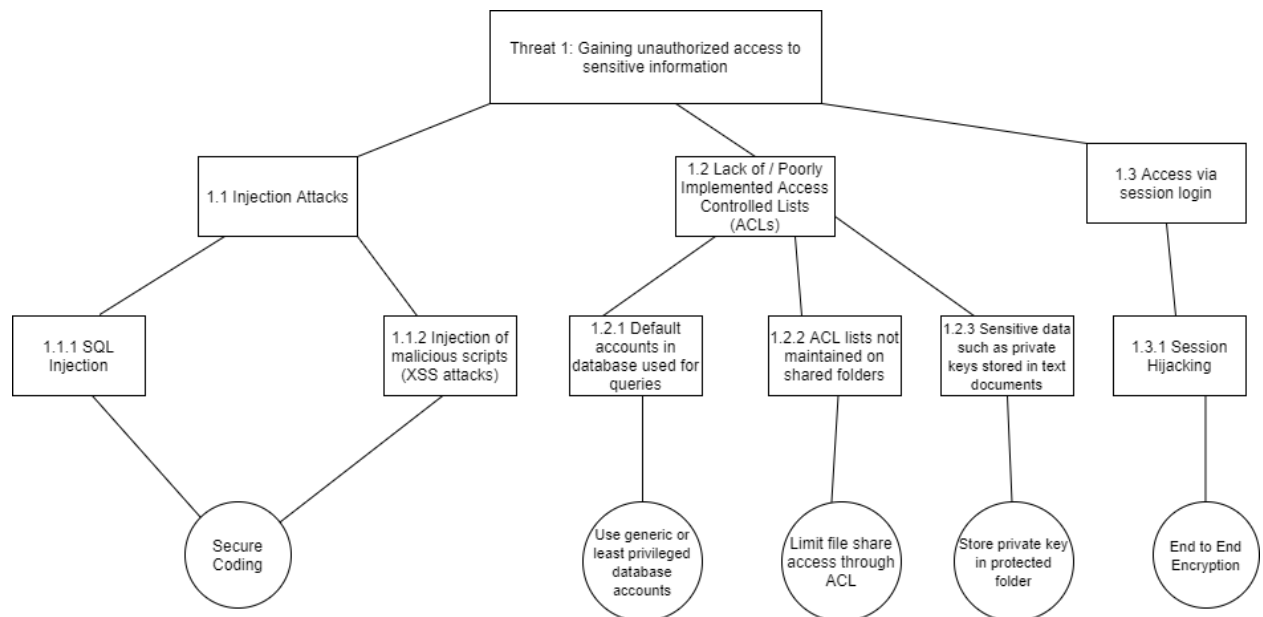
Threat Tree – Tampering



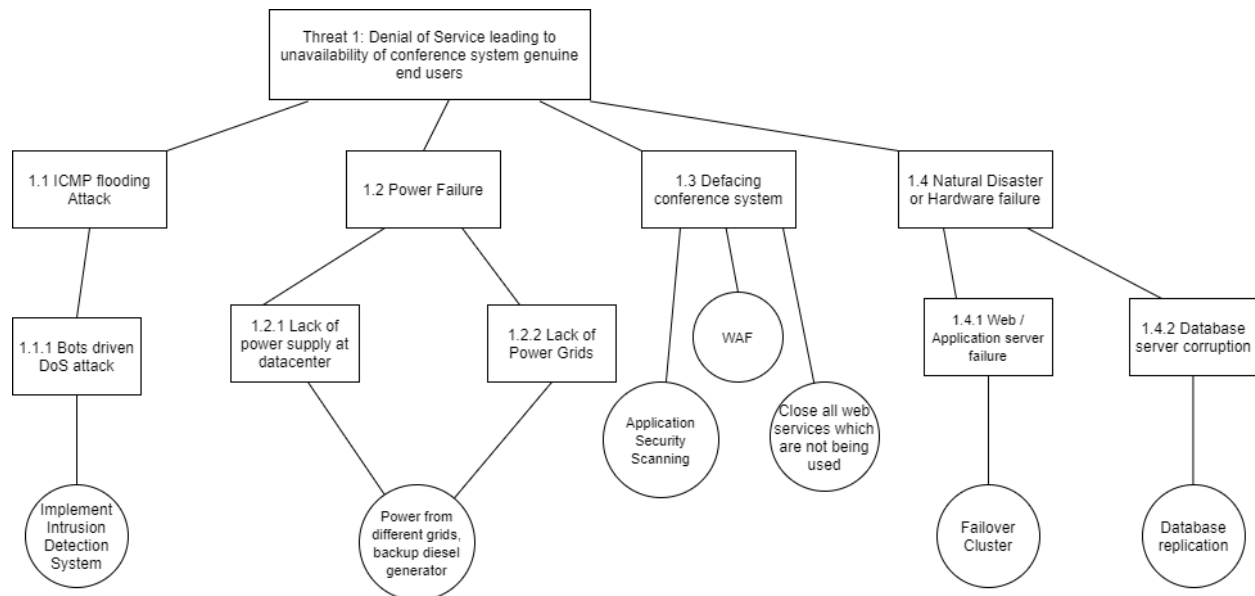
Threat Tree – Repudiation



Threat Tree – Information Disclosure



Threat Tree – Denial of Service



Threat Tree – Elevation of Privileges

