

ICT 139
Group Case Study 3

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Capstone Title: "WEBWORKS: An Online Platform for Efficient Business Services Modification"

1. Identify the different risks on your system based on the threats and vulnerabilities.

Threats	Vulnerabilities	Assets	Risks
<ul style="list-style-type: none">- Unauthorized Access- Unintentional exposure of sensitive user and business data.- Unauthorized transactions or fraudulent activities during online payments.- Insider Threat- Phishing Attacks- Sabotage- Hackers	<ul style="list-style-type: none">- Inadequate Authentication- Insecure Code- Insufficient Encryption- Security Misconfigurations- Third Party Dependencies- Poor Data Management- Lack Of Monitoring And Logging- Weak password practices and email security- Inadequate Access Control- Human Error- Software Bugs	<ul style="list-style-type: none">- Users Data (Name, Birthday, Email, Phone Number)- Business Information- Location Data- Payment Information- Business Permits- Business logos and Branding- Frontend and Backend Code- Encryptions- Database- Access Control- System logs and analytics	<ul style="list-style-type: none">- Sensitive data exposure- Data Loss- Financial Fraud- Data Breach- System Compromise- Undetected Data Leaks- System Transaction Disruption