

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