**Browser Extension for Phishing Alerts: Safeguarding Users from Online Threats**

1. **Introduction:**
   1. **Objective/Purpose:**Build a browser extension that identifies and warns users about potential phishing websites, thereby enhancing online safety.
   2. **Problem Statement:**Phishing attacks are one of the most common and damaging forms of cyberattacks.  
        
      Users often cannot distinguish between legitimate and malicious websites, leading to stolen credentials or financial losses.
2. **Goals and Scope**
   1. **Goals:**Develop a lightweight and user-friendly browser extension that detects phishing websites in real-time.  
      Reduce the risk of users falling victim to phishing attacks.
   2. **Scope:**Includes: Real-time URL scanning, warnings for suspicious sites, and user education via alerts.  
      Excludes: Comprehensive antivirus functionality or enterprise-level threat management
3. **Methodology**
4. **Key Features or Deliverables**