# **🧾 Task 3.5: Cyber Security Dashboard Project**

**Due:** 18 July 2025 @ 16:00  
**Submission:** A submission form will be provided later.

**Learner Guide:** KT 22, 23, 24, 25 - Pages 310 - 382

## **💡 Project Overview**

Your team works at ***NEXUS CLOUD SHIELD***, a fictional cybersecurity and cloud services company. You build and host online games, offer paid cloud memberships, and ensure clients' business continuity through advanced security and recovery solutions. Your task is to design a **responsive cybersecurity dashboard UI** using **HTML and CSS**. JavaScript is optional.

The dashboard must showcase your cloud infrastructure, recovery protocols, business continuity, and game development status—displayed using **interactive cards** with **graphs** or **charts**.

* **Graph or chart** using [W3Schools JS Graphics](https://www.w3schools.com/js/js_graphics.asp)
* What is a card? <https://www.nngroup.com/articles/cards-component/>

## **🎯 Project Requirements**

### **1. Layout & Design**

* Create a professional **dashboard web page** using HTML and CSS.
* Use **cards** to display the different sections listed below.
* Cards must:
  + Sit **side-by-side** on large screens (desktop)
  + Stack in a **single column** on mobile (responsive design)
* Include:
  + A **company logo** (you can design a simple logo)
  + A **dashboard title**: “Nexus Cloud Shield: System Security Dashboard”
* Use Pinterest, Behance, or Dribbble to explore **cyber security dashboard UI** for inspiration.

### **2. Content Sections (Cards)**

Each card should represent **one topic** from the sections below. Each card must have:

* A clear **heading**
* A **short description** of what the card represents (based on the guide)
* An **optional status indicator or icon** (e.g., 🟢 Active / 🔴 Fault / 🟡 Warning)

**Create Dashboard Cards:**

* Develop at least **six (6)** distinct dashboard cards.
* Each card must include:
  + A clear, descriptive title.
  + A relevant icon (simple text/emoji or SVG).
  + At least one prominent "metric"
  + At least three (3) "indicators" with status.

**Implement Responsive Layout:**

* Ensure the cards stack in a single column on small screens (mobile).
* On larger screens (tablets, desktops), the cards should sit side-by-side in a grid layout (e.g., 2, 3, or 4 columns depending on screen size).

**Styling and Aesthetics:**

* Use rounded corners for all cards and elements.
* Ensure good padding and margins for readability and visual appeal.
* Add subtle hover effects to cards (e.g., slight lift, shadow change).
* **Inspiration:** Look for "cyber security dashboard UI" on Pinterest, Behance, or Dribbble for design ideas.

### **3. Key Content**

#### **🔁 KM-01-KT22: Recovery**

* Recovering systems & disaster recovery
* Disaster recovery process
* Planning for failure
* Boot logs
* Safe mode boot
* Emergency repair tools
* Factory repair partitions
* Startup repair
* System image recovery

#### **☁️ KM-01-KT23: Cloud Computing**

* Internet/network status
* Online applications & config tools
* Support infrastructure
* Cloud benefits & risks
* Cloud storage status

#### **🛡️ KM-01-KT24: Security Fundamentals**

* Business continuity readiness
* Disaster recovery planning
* App security protocols
* Access control (e.g., password policy or user login cards)
* Information security policy
* Risk management tracker
* Operational security
* Physical access control
* Network security status

#### **💻 KM-01-KT25: Programming & Development**

* Software under development
* Game project pipeline
* Software tools inventory
* Mobile app development status
* IoT device connection status

## **✅ What to Submit**

* A repo named Task3.5\_CyberDashboard with:
  + index.html – your main page
  + style.css – your CSS file
  + Any image assets (e.g., logo)
  + Optional: script.js for graphs or interactivity

## **🔍 Assessment Criteria**

| **Criteria** | **Marks** |
| --- | --- |
| Dashboard layout & responsiveness | 20% |
| Accuracy of content per card (based on the guide) | 20% |
| Visual appeal & UI design | 20% |
| Use of cards and responsiveness | 15% |
| Integration of at least 2 W3Schools graphs/charts | 10% |
| Branding: logo and company name present | 5% |
| Structure and clean code | 10% |

## **💡 Tips for Success**

* Break down each section in your learner guide to 1–2 lines of summary.
* Use Flexbox or Grid for card layouts.
* Icons can be from FontAwesome or emojis.
* Color-code cards based on severity or status.

If you need further details or have any questions, feel free to ask!