**README FILE**

**Part 3 – Cybersecurity Awareness Chatbot (GUI)**

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DESCRIPTION

In this final part of the POE, the Cybersecurity Awareness Chatbot is enhanced into a full-featured, interactive GUI-based application using XAML or Windows Forms. The chatbot now includes:

• A Task Assistant with reminders

• An interactive Cybersecurity Quiz Game

• Basic Natural Language Processing (NLP) Simulation

• An Activity Log feature

These additions build on previous parts to create a more responsive, educational, and engaging user experience.

**Features**

1. Task Assistant with Reminders

• Users can add cybersecurity-related tasks (e.g. “Enable 2FA”).

• Tasks include a title, description, and optional reminder.

• Users can view, complete, or delete tasks via the chatbot interface.

2. Cybersecurity Quiz Mini-Game

• A 10-question quiz on cybersecurity concepts (e.g. phishing, passwords).

• Mix of multiple-choice and true/false questions.

• Provides instant feedback and tracks the user’s score.

3. NLP Simulation

• Recognizes varied user phrases using keyword detection and string manipulation.

• Understands natural commands like “Remind me to update my password.”

• Simulates basic NLP for more flexible conversations.

4. Activity Log

• Records key user actions (e.g., tasks added, reminders set, quiz attempts).

• Users can request to see their recent activity.

• Displays the latest 5–10 actions with timestamps or brief descriptions.

**Usage**

• This is a Windows GUI application.

• Developed in Visual Studio 2022 using C# and Windows Forms/XAML.

**Installation**

No installation required. Run the .exe file from the build output or launch directly via Visual Studio.

**Contributions**

This is an academic assignment. Contribution guidelines may be added in future iterations.

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