**PhishNet – Phishing Detection & Awareness Hub**

PhishNet is an AI-powered web platform that empowers users to detect phishing threats and gain cybersecurity awareness. It combines interactive training, real-world case studies, AI-integrated phishing detection, and educational resources to equip individuals and employees against online threats.

* **Project Overview**

PhishNet is built to simulate phishing detection mechanisms while also functioning as an educational cybersecurity platform. It’s ideal for organizations conducting employee awareness training, cyber bootcamps, or cybersecurity challenges.

* **Features (Module with Description)**

* Employee Training - Interactive quiz with 15+ questions covering phishing tactics and awareness.
* AI URL Analyzer - Real-time URL analysis using the IPQualityScore API (Free Tier).
* Case Studies - Real-world phishing examples with breakdowns and impact.
* Whitepapers - Downloadable PDF security guides to improve corporate defense strategies.
* Simple Navigation Responsive navbar + footer with clean, modern layout.
* Responsive Design - Fully optimized for mobile, tablet, and desktop.
* **Tech Stack**
* Frontend - Next.js (App Router)
* Styling - Tailwind CSS
* Icons - Lucide React Icons
* AI Detection - IPQualityScore API
* **Setup & Installation**
* Prerequisites

- Node.js v18+

- npm (or yarn)

- IPQualityScore API key (free tier works)

1. Clone the Repository

bash

git clone https://github.com/your-username/phishnet.git

cd phishnet

2. Install Dependencies

npm install Or yarn install

1. Set Up Environment Variables

Create a .env.local file in the root directory:

Edit:

IPQS\_API\_KEY=your\_ipqualityscore\_api\_key

1. Running the App

Development Mode :

bash

npm run dev Or yarn dev

Go to http://localhost:3000 to view the app.

1. Production Build

bash

npm run build

npm start

* **Team Members**

Aachal Parate

Samiksha Mohite

Vidya Pawar