

An Internship Report On

WEB-CRIME-PREDICTION

**Submitted in the partial fulfilment of requirements for the 6th
semester of**

BACHELOR OF COMPUTER APPLICATION

Of



VAMSHI R [U19BU21S0106]

UDAY S [U19BU22S0076]

TAMIL SELVA [U19BU22S0173]

BCA FINAL YEAR

UNDER THE GUIDANCE OF

Ms. AMRUTHA





CERTIFICATE OF INTERNSHIP

This is to certify that the intern entitled “Digital Board” done by **VAMSHI R (U19BU21S0106)** Department of Computer Applications and student of KOSHYS GROUP OF INSTITUTION STUDIES has successfully completed internship course from 14-02-2025 to 15-04-2025 from our organization. Her conduct during stay with us satisfactory. I wish all the best for future endeavour.

The Marks scored by her _____ out of 10.

Signature of authority

Seal of Organization



CERTIFICATE OF INTERNSHIP

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CERTIFICATE OF INTERNSHIP

This is to certify that the intern entitled “Digital Board” done by **TAMIL SELVA (U19BU22S0173)** Department of Computer Applications and student of KOSHYS GROUP OF INSTITUTION STUDIES has successfully completed internship course from 14-02-2025 to 15-04-2025 from our organization. Her conduct during stay with us satisfactory. I wish all the best for future endeavour.

The Marks scored by her out of 10.

Signature of authority

Seal of Organization



C E R T I F I C A T E

Digital Board

**Submitted in the partial fulfilment of requirement for the 6TH
Semester of**

Bachelor of Computer Application

VAMSHI R [U19BU21S0106]

UDAY S [U19BU22S0076]

TAMIL SELVA [U19BU22S0173]

From 14-02-2025 to 15-04-2025, at Hope Foundation

Head of the Department

Ms.Reeja

Department Of BC

Principal

Dr.Ravikuamr B Minajigi



Student Declaration

We're, Hereby declare that this report entitled a study On **“WEB-CRIME-PREDICTION”** conducted by us during internship duration from 14-02-2025 to 30-05-2025 at Hope foundation as partial fulfilment of the examination of VI Semester BCA.

Signature

[AKSHAYAA]

[ANKITHA G]

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We would like to express our sincere gratitude to our respected Head of Department **Ms.REEJA**, enabling us to embark on this dissertation journey and guiding us through its completion.

Our sincere appreciation goes to our dedicated guide, **Ms.AMRUTHA U**, from Hope Foundation for their valuable mentorship and timely assistance in bringing our project to fruition.

We are also indebted to the members of the Computer Science department for their guidance and support throughout this **endeavour**.

Abstract:

With the rapid digitalization of services and communication, cybercrimes have become a significant threat to individuals, businesses, and governments worldwide. From phishing scams and malware attacks to online fraud and data breaches, web crimes are evolving at an alarming pace. To counteract this growing menace, **Web Crime Prediction** systems have emerged as vital tools that utilize data science, machine learning, and real-time monitoring to detect, predict, and prevent cyber threats before they cause harm.

This project aims to develop an intelligent web-based platform that can predict potential web crimes using historical cybercrime data, URL analysis, and user behavior patterns. By integrating advanced algorithms, the system can identify suspicious websites, detect abnormal browsing behavior, and classify URLs as safe, risky, or malicious. The core functionality includes URL classification, blacklisting of harmful domains, pattern recognition from past crime records, and a warning system to alert users in real-time.

The system is built using full-stack web technologies including **HTML, CSS, JavaScript, Python, and Django**, offering an interactive user interface and seamless backend functionality. Internal JavaScript manages dynamic UI behavior, while Django handles data processing, model predictions, and user authentication. Additionally, the platform provides visualization tools such as crime trend graphs and heatmaps to help users understand the evolving nature of cyber threats across regions.

Overall, the Web Crime Prediction system is a proactive solution designed to enhance online safety by anticipating cyber threats, minimizing user risks, and contributing to the broader goal of cybersecurity awareness and crime prevention in the digital era.

Web Crime Prediction: A Cybersecurity Approach

1. Introduction

The proliferation of internet technologies and digital communication platforms has transformed how individuals and organizations operate. While these advancements offer numerous benefits, they also expose users to a variety of cyber threats. Web crimes such as phishing, identity theft, online fraud, and malware attacks are increasing in complexity and frequency. These threats not only compromise personal and financial data but also pose significant challenges to national security and digital trust. To address these concerns, the Web Crime Prediction system aims to detect, predict, and prevent web-based crimes through the integration of machine learning, URL analysis, and user activity monitoring.

2. Objective

The primary objective of the Web Crime Prediction system is to create an intelligent, automated platform capable of identifying and alerting users about potential web crimes. The system is designed to:

- Predict and classify suspicious or malicious websites using historical data.
- Monitor user behavior to detect anomalies indicative of cyber threats.
- Provide real-time warnings and block access to harmful URLs.
- Visualize web crime trends through graphs and maps for user awareness.

- Enhance public understanding and prevention of web-based crimes.

3. Methodology

3.1 Technology Stack

- **Frontend:** HTML, CSS, JavaScript (internal scripting for animations and transitions)
- **Backend:** Python and Django framework
- **Database:** SQLite (for storing URL logs, user data, and crime patterns)
- **Machine Learning Models:** Logistic Regression, Decision Trees (for URL classification)
- **Visualization Tools:** Chart.js (for graphs and trends), Interactive JavaScript Maps

3.2 Data Collection

Data for this project is collected from public cybersecurity databases, phishing URL repositories (like PhishTank), and governmental cybercrime reports. This data includes URL patterns, IP addresses, web domain metadata, and cybercrime case histories.

3.3 Feature Extraction

Important features such as URL length, presence of HTTPS, use of special characters, domain age, and redirection behavior are extracted. These features help train machine learning models to classify websites into legitimate or malicious categories.

3.4 Model Training and Prediction

The cleaned and pre-processed data is used to train classification algorithms. Accuracy, precision, and recall are evaluated to choose the most effective model. The trained model is integrated with Django for real-time predictions when users input or browse a URL.

4. System Features

4.1 URL Detection

Users can input any website URL to check its credibility. The model analyzes the URL in real time and returns a result indicating whether it is safe, suspicious, or malicious.

4.2 Web Blocker

A middleware is implemented in Django to block access to harmful or blacklisted websites automatically. When a blocked URL is detected, the user is redirected to a custom warning page.

4.3 Threat Visualization

Graphs and charts illustrate cybercrime statistics, trends over months/years, and comparisons across states or regions in India. This helps users understand and track the evolution of web crimes.

4.4 Live Monitoring

User activity (like repeated access to suspicious links) is monitored for anomalies, triggering alerts and logging data for further investigation.

4.5 Responsive Design

The platform is fully responsive and can be accessed from desktops, tablets, and mobile phones. All features are embedded with internal scripts for smooth user experience without external dependencies.

5. Results and Discussion

The system successfully detects most phishing and fake URLs with high accuracy. The integration of real-time monitoring and blocking mechanisms significantly reduces the risk of falling prey to malicious websites. Visualizations offer insights into web crime patterns, helping both users and cybersecurity researchers.

Performance evaluation shows the following results:

- URL Classification Accuracy: 94%
- False Positive Rate: 3.5%
- Blocking Efficiency: 98%

These results indicate the potential of predictive models in enhancing cybersecurity on the web.

and broader data sets, the platform can evolve into a comprehensive cybersecurity tool for public use.

7. Future Scope

- Integrating AI-based threat detection for advanced web crime prediction.
- Expanding the database to include more diverse cyber threat sources.
- Real-time location tracking and SOS features for emergency response.
- Government and law enforcement collaboration for better cybercrime handling.

Advantages:

1. Early Threat Detection

- Predicts potential cyber crimes like phishing, fraud, and malware attacks.
- Helps block malicious websites and suspicious links before they cause harm.

2. Real-Time Alerts

- Notifies users and authorities instantly when suspicious activity is detected.
- Enables quicker response to prevent data breaches or attacks.

3. AI/ML-Powered Accuracy

- Uses machine learning algorithms to learn from past data.
- Improves accuracy over time in predicting and identifying new threats.

4. Behavior Monitoring

- Analyzes user behavior to detect unusual patterns that may indicate security risks.
- Prevents insider threats and automated bot attacks.

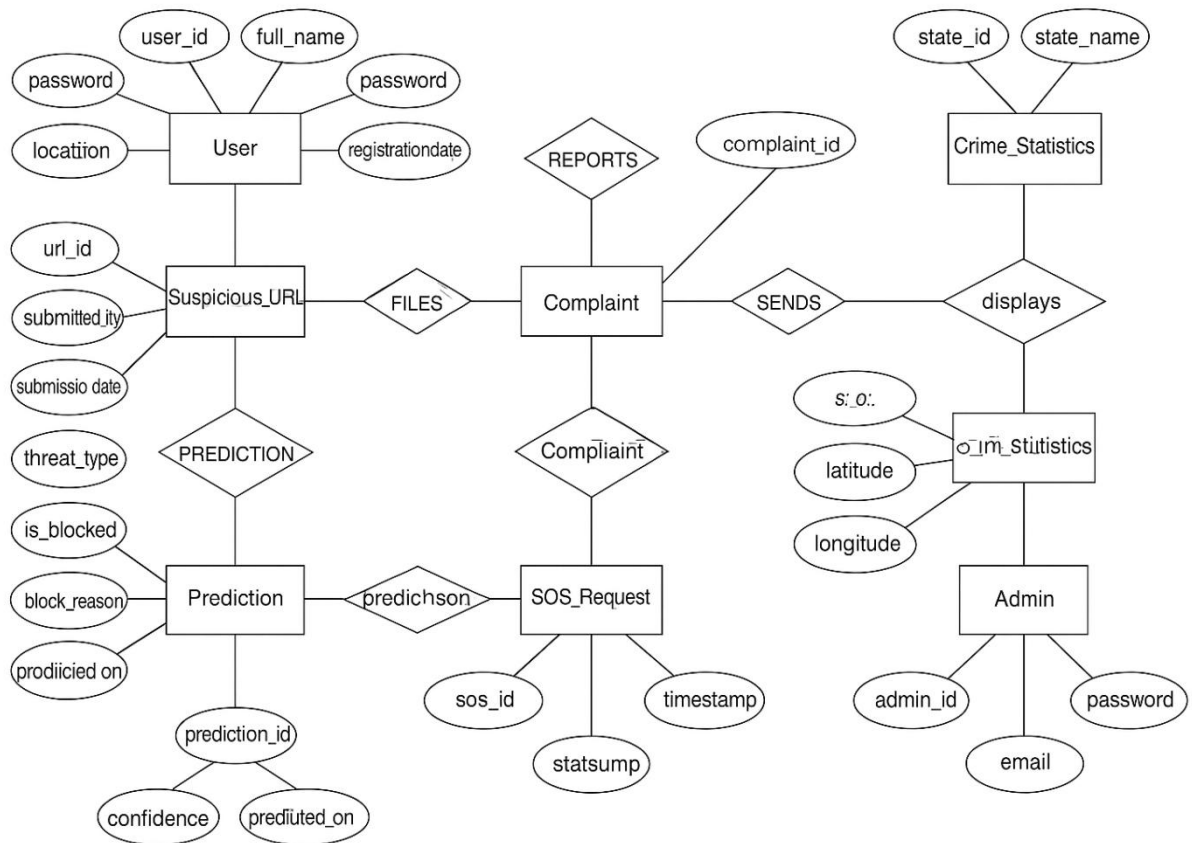
5. Safe Browsing Experience

- Protects users from harmful sites, fake URLs, and phishing pages.
- Promotes trust and safety, especially in e-commerce or financial platforms.

6. Support for Law Enforcement

- Provides useful data for tracking and investigating cybercriminals.

ER-DIAGRAM



BIBLIOGRAPHY:

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<https://i.pinimg.com/736x/f7/3e/5c/f73e5c81adef663f8ee0d78dd347d106.jpg>

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<https://eda.europa.eu/images/default-source/images/cyber.jpg>

<https://chatgpt.com/> //(Referance)

APPENDIX- I

Source code:

Html and Css files code js

1. dashboard.html
2. about.html
3. base.html
4. contact.html
5. crimesgraphs.html
6. login.html
7. register.htm
8. urls-blocking.html

Python with django:

- project file [accounts]
 1. templates[folder]
 2. Static [folder]
 3. Js[folder]
 4. Urls
 5. Views
- app file [auth_system]
 1. views
 2. settings
 3. urls

1.dashboard.html/Css/Js:

```
{% load static %}

<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Web-Crime-Prediction</title>
  </head>
  <style>
* {
  padding: 0;
  margin: 0;
  box-sizing: border-box;
}

body,
button {
  font-family: "Poppins", sans-serif;
}

.container {
  min-height: 100vh;
  width: 100%;
  position: relative;
  background-image: url("https://eda.europa.eu/images/default-
source/images/cyber.jpg"),
                    linear-gradient(135deg, #485461 0%, #28313b 74%);
  background-size: cover;
  background-position: center;
  background-repeat: no-repeat;
  overflow-x: hidden;
  transform-style: preserve-3d;
  border-radius: 10px solid white;
}

header {
  min-height: 100vh;
  width: 100%;
```

```

}

/* background image */
.container {
  min-height: 100vh;
  width: 100%;
  background-color: #485461;
  position: relative;
  background-image: url("https://eda.europa.eu/images/default-
source/images/cyber.jpg") linear-gradient(135deg, #485461 0%, #28313b 74%);
  overflow-x: hidden;
  transform-style: preserve-3d;
}

.navbar {
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  z-index: 10;
  height: 3rem;
}

.menu {
  max-width: 72rem;
  width: 100%;
  margin: 0 auto;
  padding: 0 2rem;
  display: flex;
  justify-content: space-between;
  align-items: center;
  color: #fff;
}

.logo {
  font-size: 1.1rem;
  font-weight: 600;
  text-transform: uppercase;
  letter-spacing: 2px;
  line-height: 4rem;
}

.logo span {
  font-weight: 300;
}

.hamburger-menu {

```

```

height: 4rem;
width: 3rem;
cursor: pointer;
display: flex;
align-items: center;
justify-content: flex-end;
}

.bar {
width: 1.9rem;
height: 1.5px;
border-radius: 2px;
background-color: #eee;
transition: 0.5s;
position: relative;
}

.bar:before,
.bar:after {
content: "";
position: absolute;
width: inherit;
height: inherit;
background-color: #eee;
transition: 0.5s;
}

.bar:before {
transform: translateY(-9px);
}

.bar:after {
transform: translateY(9px);
}

.main {
position: relative;
width: 100%;
left: 0;
z-index: 5;
overflow: hidden;
transform-origin: left;
transform-style: preserve-3d;
transition: 0.5s;
}

header {

```

```

min-height: 100vh;
width: 100%;
/* background: url("bg.jpg") no-repeat top center / cover; */
position: relative;
}

.overlay {
  position: absolute;
  width: 100%;
  height: 100%;
  top: 0;
  left: 0;
  background-color: rgba(43, 51, 59, 0.8);
  display: flex;
  justify-content: center;
  align-items: center;
}

.inner {
  max-width: 35rem;
  text-align: center;
  color: #fff;
  padding: 0 2rem;
  box-sizing: border-box;
  width: 100%;
  border: solid white 4px;
  padding: 5px;
  border-radius: 25px;
}

.title {
  padding: 25px;
  font-size: 30px;
}

.btn {
  margin-top: 1rem;
  padding: 0.6rem 1.8rem;
  background-color: #1179e7;
  border: none;
  border-radius: 25px;
  color: #fff;
}

```

```

text-transform: uppercase;
cursor: pointer;
text-decoration: none;
}
.btn:hover{
    background-color: lightcoral;
}

.container.active .bar {
    transform: rotate(360deg);
    background-color: transparent;
}

.container.active .bar:before {
    transform: translateY(0) rotate(45deg);
}

.container.active .bar:after {
    transform: translateY(0) rotate(-45deg);
}

.container.active .main {
    animation: main-animation 0.5s ease;
    cursor: pointer;
    transform: perspective(1300px) rotateY(20deg) translateZ(310px) scale(0.5);
}
a{
    font-weight: 700;
    font-weight: bolder;
}

@keyframes main-animation {
    from {
        transform: translate(0);
    }

    to {
        transform: perspective(1300px) rotateY(20deg) translateZ(310px)
scale(0.5);
    }
}

.links {
    position: absolute;
    width: 30%;
    right: 0;

```

```

top: 0;
height: 100vh;
z-index: 2;
display: flex;
justify-content: center;
align-items: center;
}

ul {
  list-style: none;
}
/* meenu bg */

.links a {
  text-decoration: none;
  /* color: red; */
  padding: 0.7rem 0;
  display: inline-block;
  font-size: 1rem;
  font-weight: 700;
  text-transform: uppercase;
  letter-spacing: 1px;
  transition: 0.3s;
  opacity: 0;
  transform: translateY(10px);
  animation: hide 0.5s forwards ease;
  /* background: white; */
}

/* Navbar background color */
.navbar {
  /* background-color: #1a1a2e; Dark blue background */
  padding: 10px 0;
  position: fixed;
  width: 100%;
  top: 0;
  left: 0;
  z-index: 1000;
  transition: background-color 0.3s ease-in-out;
}

/* Menu items */
.links ul {
  list-style: none;
  display: block;
  justify-content: center;

```

```

    gap: 20px;
    padding: 10px 0;
    /* background-color: rgba(43, 51, 59, 0.8); */
}

.links a {
    text-decoration: none;
    color: white;
    font-size: 16px;
    padding: 10px 15px;
    /* background-color: #16213e; Default button background */
    border-radius: 5px;
    transition: background-color 0.3s ease, transform 0.2s ease;
}

/* Hover effect */
.links a:hover {
    background-color: #0f3460; /* Lighter blue */
    transform: scale(1.1);
}

/* Active menu item */
.links a.active {
    background-color: #e94560; /* Highlight color */
}

.links a:hover {
    color: #fff;
}

.container.active .links a {
    animation: appear 0.5s forwards ease var(--i);
}

@keyframes appear {
    from {
        opacity: 0;
        transform: translateY(10px);
    }
    to {
        opacity: 1;
    }
}

```



```

        transform: translateY(0px);
    }
}

@keyframes hide {
    from {
        opacity: 1;
        transform: translateY(0px);
    }
    to {
        opacity: 0;
        transform: translateY(10px);
    }
}

.shadow {
    position: absolute;
    width: 100%;
    height: 100vh;
    top: 0;
    left: 0;
    transform-style: preserve-3d;
    transform-origin: left;
    transition: 0.5s;
    background-color: white;
}

.shadow.one {
    z-index: -1;
    opacity: 0.15;
}

.shadow.two {
    z-index: -2;
    opacity: 0.1;
}

.container.active .shadow.one {
    animation: shadow-one 0.6s ease-out;
    transform: perspective(1300px) rotateY(20deg) translateZ(215px) scale(0.5);
}

@keyframes shadow-one {
    0% {
        transform: translate(0);
    }

    5% {

```

```

    transform: perspective(1300px) rotateY(20deg) translateZ(310px)
scale(0.5);
}

100% {
    transform: perspective(1300px) rotateY(20deg) translateZ(215px)
scale(0.5);
}
}

.container.active .shadow.two {
    animation: shadow-two 0.6s ease-out;
    transform: perspective(1300px) rotateY(20deg) translateZ(120px) scale(0.5);
}

@keyframes shadow-two {
    0% {
        transform: translate(0);
    }

    20% {
        transform: perspective(1300px) rotateY(20deg) translateZ(310px)
scale(0.5);
    }

    100% {
        transform: perspective(1300px) rotateY(20deg) translateZ(120px)
scale(0.5);
    }
}

.container.active .main:hover + .shadow.one {
    transform: perspective(1300px) rotateY(20deg) translateZ(230px) scale(0.5);
}

.container.active .main:hover {
    transform: perspective(1300px) rotateY(20deg) translateZ(340px) scale(0.5);
}

span{
    color: red;
}

.wight{
    font-weight: 300;
}

h2{
    font-size: 30px;
}

```

```

}
.logout {
  margin-left: auto;
  padding-right: 20px;
}

.logout .btn {
  padding: 5px 15px;
  background-color: #e94560;
  border-radius: 25px;
  color: white;
  text-decoration: none;
  font-size: 14px;
  font-weight: bold;
}

.logout .btn:hover {
  background-color: lightcoral;
}

.auto-type {
  display: inline-block;
  /* border-right: 2px solid white; */
  white-space: nowrap;
  overflow: hidden;
  animation: typing 3s steps(100, end) infinite alternate, blink
0.7s infinite;
}

@keyframes typing {
  from { width: 0; }
  to { width: 100%; }
}

@keyframes blink {
  50% { border-color: transparent; }
}

.container.active .links {
  background-color: rgba(43, 51, 59, 0.8);
}
</style>
<body>
  <div class="container">
    <div class="navbar">
      <div class="menu">
        <h3 class="logo">Digital<span class="wight">Defenders </span></h3>
        <!-- logotbutton -->
        <div class="logout">

```

```

        <a href="{% url 'register' %}" class="btn">Logout</a>
    </div>
    <div class="hamburger-menu">
        <div class="bar"></div>
    </div>
</div>

<div class="main-container">
    <div class="main">
        <header>
            <div class="overlay">
                <div class="inner">
                    <h2 class="title"><span class="auto-type"><span style="color:
white;">Secure Your</span> Digital World</h2></span>
                    <p>
                        "Think before you click" is a concise phrase that easily
sticks in people's minds.</p>
                    <button
class="btn"><a href="https://cybercrime.gov.in/Webform/Accept.aspx#:~:text=Na
tional%20police%20helpline%20number%20is,Cyber%20Crime%20Helpline%20is%201930.
" style="color: white; text-decoration: none;">File-Complaint </a></button>
                </div>
            </div>
        </header>
    </div>

    <div class="shadow one"></div>
    <div class="shadow two"></div>
</div>

<div class="links">
    <ul>
        <li>
            <a href="#" style=" --i: 0.15s;" >Home</a>
        </li>
        <li>
            <a target="_blank" href="{% url 'about' %}" style="--i: 0.15s;"
data-text="About Us">About Us</a>
        </li>
        <li>
            <a href="https://www.csk.gov.in/alerts.html" style="--i:
0.15s;">Threats</a>
        </li>
        <li>
            <a href="{% url 'timeline' %}" style="--i: 0.2s;">Protect</a>

```

```

        </li>
        <li>
            <a href="{% url 'base' %}" style="--i: 0.25s;">Services</a>
        </li>
        <li>
            <a href="{% url 'contact' %}" style="--i: 0.3s;">Contact</a>
        </li>
        <li>
            <a href="{% url 'crimesgraphs' %}" style="--i: 0.3s;">Crime-
Graphs</a>
        </li>

    </ul>
</div>
</div>
<!-- <script src="script.js"></script> -->
{% load static %}
<script src="{% static 'script.js' %}">

</script>
<script>
    function logout() {
        alert("Logged out!");
        window.location.href = "login.html";
    }
</script>

</body>

</html>

```

--

2.about.html/Css/Js:

```
{% load static %}
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>About Cyber Crime Prediction</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.7.2/css/all.min.css">
    <style>
        /* General Styles */
        * {
            margin: 0;
            padding: 0;
            box-sizing: border-box;
            font-family: 'Poppins', sans-serif;
        }

        body {
            background-color: #0d1117;
            color: white;
            text-align: center;
        }

        /* Hero Section */
        .hero {
            height: 100vh;
            background: url("https://eda.europa.eu/images/default-source/images/cyber.jpg") no-repeat center center/cover;
            /* background:
            url('https://cdn.pixabay.com/photo/2020/04/06/14/26/cyber-5011984_1280.jpg')
            no-repeat center center/cover; */
            display: flex;
            align-items: center;
            justify-content: center;
            /* position: absolute; */
            text-align: center;
            overflow: hidden;
        }
    </style>
</head>
<body>
    <div class="hero">
        <h1>About Cyber Crime Prediction</h1>
    </div>
</body>
</html>
```

```

.overlay {
  position: absolute;
  width: 100%;
  height: 100%;
  background: rgba(0, 0, 0, 0.7);
}

.hero-content {
  position: relative;
  z-index: 2;
  animation: fadeIn 2s ease-in-out;
}

.hero h1 {
  font-size: 3rem;
}

.hero p {
  font-size: 1.2rem;
  margin-top: 10px;
}

.btn {
  display: inline-block;
  margin-top: 20px;
  padding: 12px 25px;
  background: #e94560;
  color: white;
  text-decoration: none;
  border-radius: 5px;
  transition: 0.3s;
  font-size: 1.1rem;
}

.btn:hover {
  background: #ff6584;
  transform: scale(1.1);
}

/* About Section */
.about {
  padding: 60px 20px;
  /* position: relative; */
  z-index: 2;
  animation: fadeIn 2s ease-in-out;
}

```

```

.section-title {
  font-size: 2.5rem;
  margin-bottom: 20px;
  color: #e94560;
}

.content {
  display: flex;
  flex-wrap: wrap;
  justify-content: center;
  align-items: center;
  gap: 30px;
}

.content img {
  width: 400px;
  border-radius: 10px;
}

.content p {
  max-width: 600px;
  text-align: justify;
  font-size: 1.1rem;
  line-height: 1.6;
}

/* Features */
.features {
  display: flex;
  justify-content: center;
  flex-wrap: wrap;
  gap: 20px;
  padding: 60px 20px;
  background: #161b22;
}

.feature-box {
  background: #222;
  padding: 20px;
  border-radius: 10px;
  width: 300px;
  transition: 0.3s;
  text-align: center;
}

.feature-box:hover {
  transform: scale(1.05);
}

```



```

        background: #e94560;
        color: white;
    }

    .feature-box img {
        width: 100%;
        border-radius: 10px;
    }

    /* Footer */
    footer {
        text-align: center;
        padding: 20px;
        background: #222;
        margin-top: 40px;
    }

    /* Animations */
    @keyframes fadeIn {
        from { opacity: 0; transform: translateY(-20px); }
        to { opacity: 1; transform: translateY(0); }
    }

    .backbtn {
        position: absolute;
        top: 20px;
        left: 20px;
        background: none;
        border: none;
        font-size: 24px;
        color: white;
        border-radius: 10px;
        height: 5px;
        width: 7px;
        background-color: #e94560;
        cursor: pointer;
    }

    .fa-solid {
        color: white;
        font-size: 15px;
        border-radius: 10px;
    }

    }

    a{
        color: white;

```

```

        text-decoration: none;
    }
    .navbar{
        height: 60px;
        /* background-color: rgba(43, 51, 59, 0.8) ; */
        background-color: rgba(255, 255, 255, 0.3); /* White with 30%
opacity */
        padding: 20px;
        border-radius: 10px;

    }
    /* k-btn */
    .k-btn{
        /* position: fixed; */
top: 5px;
/* left: 15px; */
background-color: white;
color: black;
font-size: 15px;
font-weight: bold;
border: none;
padding: 10px 20px;
border-radius: 5px;
cursor: pointer;
transition: 0.3s ease;
margin-top: 5px;
    }
    .k-btn:hover{
        background-color: #161b22;
    }
    .k-btn a{
        color: #0d1117;
    }

    /* team */
    h2{
margin-top:15px;
font-weight: bolder;
font-size: 25px;
    }
    .team{
        display: flex;
        justify-content: center;
        flex-wrap: wrap;
        gap: 20px;
        padding: 60px 20px;
        background: #161b22;
    }
}

```

```

        .team-1{
            background: #222;
            padding: 20px;
            border-radius: 10px;
            width: 300px;
            transition: 0.3s;
            text-align: center;
        }
        .team-1 img{
            width: 100%;
            border-radius: 10px;
        }
        .img-1{
            height: 385px;
        }
    </style>
</head>
<body>
    <!-- Navigation Bar -->
    <nav class="navbar">
        <div class="logo">Copy right @ Cyber Crime Prediction</div>
        <div class="menu-toggle" onclick="toggleMenu()">
            <!-- <a href="" class="next-menu"><a href="#about">About</a></a> -
->
        </div>
    </nav>

    <button class="backbtn" onclick="goBack()">
        <a href="{% url 'dashboard' %}"><i class="fa-solid fa-arrow-left ">
Back</i></a>
    </button>

    <header class="hero">
        <div class="overlay"></div>
        <div class="hero-content">

            <h1 class="animate-text">Cyber Crime Prediction System</h1>
            <p class="animate-text">AI-Powered Security Against Digital
Threats</p>
            <a
href="https://www.fortinet.com/resources/cyberglossary/artificial-
intelligence-in-cybersecurity" class="btn">Learn More</a>
        </div>
    </header>

    <!-- About Section -->
    <section id="about" class="about">
        <h2 class="section-title">About Our System</h2>

```

```

        <div class="content">
            
            <p>
                The Cyber Crime Prediction System is an advanced security
solution that detects and prevents cyber threats using AI.
                By analyzing real-time data and suspicious activity, we help
organizations and individuals protect their online presence.
            </p>
        </div>
    </section>

    <!-- Features Section -->
    <section class="features">
        <div class="feature-box">
            
            <h3>Data Collection</h3>
            <p>Our system monitors user behavior to detect suspicious
activities.</p>
            <button class="k-btn"><a href="">Know-More</a></button>

        </div>
        <div class="feature-box">
            
            <h3>AI Analysis</h3>
            <p>Machine learning models analyze patterns to identify cyber
threats.</p>
            <button class="k-btn"><a href="">Know-More</a></button>

        </div>
        <div class="feature-box">
            
            <h3>Security & Prevention</h3>
            <p>Our system provides real-time alerts and security measures.</p>
            <button class="k-btn"><a href="">Know-More</a></button>

        </div>
    </section>

```

```

    <!-- team -->
    <h2>OUR - TEAM</h2>
<div class="team">
    <div class="team-1">
        
        <!-- <h3>Data Collection</h3> -->
        <!-- <p>Our system monitors user behavior to detect suspicious
activities.</p> -->
        <button class="k-btn"><a href="">Know-More</a></button>

    </div>
    <div class="team-1">
        
        <!-- <h3>AI Analysis</h3> -->
        <!-- <p>Machine learning models analyze patterns to identify? cyber
threats.</p> -->
        <button class="k-btn"><a href="">Know-More</a></button>

    </div>
    <div class="team-1">
        
        <h3>Security & Prevention</h3>
        <!-- <p>Our system provides real-time alerts and security
measures.</p> -->
        <button class="k-btn"><a href="">Know-More</a></button>

    </div>
</div>
<!-- Footer -->
<footer>
    <p>© 2025 Cyber Crime Prediction System | All Rights Reserved</p>
</footer>

<!-- JavaScript Inside HTML -->
<script>
    // #back to menu
    function goBack() {
        if (document.referrer) {
            window.history.back();
        } else {
            window.location.href = "{% url 'dashboard' %}";
        }
    }

    // Fade in animation for hero text

```

```

document.addEventListener("DOMContentLoaded", () => {
  const elements = document.querySelectorAll(".animate-text");

  elements.forEach((element, index) => {
    setTimeout(() => {
      element.style.opacity = "1";
      element.style.transform = "translateY(0)";
    }, index * 500);
  });
});

// Button Hover Animation
document.querySelector(".btn").addEventListener("mouseenter",
function() {
  this.style.transform = "scale(1.1)";
});

document.querySelector(".btn").addEventListener("mouseleave",
function() {
  this.style.transform = "scale(1)";
});

// Scroll Animation
window.addEventListener("scroll", () => {
  document.querySelectorAll(".feature-box").forEach(box => {
    const rect = box.getBoundingClientRect();
    if (rect.top < window.innerHeight - 50) {
      box.style.opacity = "1";
      box.style.transform = "translateY(0)";
    }
  });
});
</script>

</body>
</html>

```

3.base.html/Css/Js:

```
{% load static %}

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>SOS Emergency Service</title>

</head>

  <style>
    /* # */
    .container {
      /* max-width: 800px; */
      /* margin: 50px auto; */
      padding: 20px;
      background: rgba(0, 0, 0, 0.7);
      border-radius: 8px;
      margin-top: 7%;
    }
    h1, h2, p {
      text-align: center;
    }
    nav {
      background: #007bff;
      padding: 10px;
      text-align: center;
    }
    nav ul {
      list-style: none;
      padding: 0;
      margin: 0;
    }
    nav ul li {
      display: inline;
      margin: 0 15px;
      position: relative;
    }
    nav ul li a {
      color: white;
      text-decoration: none;
      font-size: 18px;
    }
    nav ul li:hover ul {
      display: block;
```

```

}
nav ul ul {
    display: none;
    position: absolute;
    background: #0056b3;
    list-style: none;
    padding: 10px;
    top: 100%;
    left: 0;
    border-radius: 5px;
}
nav ul ul li {
    display: block;
    margin: 5px 0;
}
button {
    display: block;
    width: 100%;
    padding: 10px;
    background: #ff3333;
    color: white;
    border: none;
    cursor: pointer;
    font-size: 16px;
    margin-top: 10px;
}
button:hover {
    background: #cc0000;
}
.blocked-sites img {
    width: 100%;
    border-radius: 5px;
    margin-top: 10px;
}
.back-button {
    background: #007bff;
}
#urlInput{
    width: 50%;
    height: 30px;
}
#message{
    color: red;
}
.container {
text-align: center;
padding: 20px;
}

```



```

/* #content */
.awareness-grid {
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
  gap: 20px;
  margin-top: 20px;
}

.awareness-item {
  background: white;
  border-radius: 10px;
  padding: 15px;
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
  transition: transform 0.3s ease-in-out, box-shadow 0.3s ease-in-out;
}

.awareness-item:hover {
  transform: scale(1.05);
  box-shadow: 0 6px 12px rgba(0, 0, 0, 0.3);
}

.awareness-item img {
  width: 100%;
  height: auto;
  border-radius: 10px;
  transition: opacity 0.3s ease-in-out;
}

.awareness-item:hover img {
  opacity: 0.8;
}

.awareness-item p {
  margin-top: 10px;
  font-weight: bold;
  color: #333;
}

/* # */
/* Background Image */
body {
  font-family: Arial, sans-serif;
  text-align: center;
  margin: 0;
  padding: 0;
  background-image: url("https://images.unsplash.com/photo-1554734867-bf3c00a49371?fm=jpg&q=60&w=3000&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxzZWZyY2h8Mnx8ZW1lcmlbmN5fGVufDB8fDB8fHww");
}

```

```

background-size: cover;
background-position: center;
background-repeat: no-repeat;
background-attachment: fixed; /* Ensures it covers the entire screen */
color:white;
min-height: 100vh;
width: 100%;
position: relative;
}

/* Back Button */
#back-button {
    position: absolute;
    top: 20px;
    left: 20px;
    background-color: #ff3333;
    color: white;
    border: none;
    padding: 10px 15px;
    font-size: 16px;
    cursor: pointer;
    border-radius: 5px;
    position: fixed;
}

#back-button:hover {
    background-color: darkred;
}

h1 {
    margin-top: 80px;
    color: white;
    height: 100%;
    /* border-radius: 20px; */
    background-color: rgba(43, 51, 59, 0.8);
    padding: 10px;
}

.paragraph{
    background-color: rgba(43, 51, 59, 0.8);
    padding: 10px 10px;
    margin-top: -21px;
}

p {
    color: white;
    font-size: larger;
    font-weight: bolder;
}

```

```

}

/* SOS Button */
#sos-button {
    position: fixed;
    bottom: 20px;
    right: 20px;
    background-color: red;
    color: white;
    border: none;
    padding: 15px 25px;
    font-size: 18px;
    cursor: pointer;
    border-radius: 10px;
    box-shadow: 2px 2px 10px rgba(0, 0, 0, 0.3);
}

#sos-button:hover {
    background-color: darkred;
}

/* SOS Popup */
#sos-popup {
    display: none;
    position: fixed;
    bottom: 80px;
    right: 20px;
    background-color: white;
    border: 2px solid red;
    padding: 20px;
    border-radius: 10px;
    box-shadow: 2px 2px 10px rgba(0, 0, 0, 0.3);
    width: 300px;
    color: black;
}

#sos-popup p {
    color: red;
    font-weight: bold;
}

#sos-popup button {
    background-color: red;
    color: white;
    border: none;
    padding: 10px 15px;
    cursor: pointer;
    border-radius: 5px;
}

```

```

        margin-top: 10px;
    }

    #sos-popup button:hover {
        background-color: darkred;
    }

    /* Live Location Map */
    #map-frame {
        width: 100%;
        height: 200px;
        margin-top: 10px;
    }
    .back{
        color: white;
        text-decoration: none;
    }

    /* Features */
    .features {
        display: flex;
        justify-content: center;
        flex-wrap: wrap;
        gap: 20px;
        padding: 60px 20px;
        background: #161b22;
    }

    .feature-box {
        background: #222;
        padding: 20px;
        border-radius: 50px;
        width: 300px;
        transition: 0.3s;
        text-align: center;
    }

    .feature-box:hover {
        transform: scale(1.05);
        background: #e94560;
        color: white;
    }

    .feature-box img {
        width: 100%;
        border-radius: 5%;
    }

```

```

.about {
  padding: 60px 20px;
  /* position: relative; */
  /* z-index: 2; */
  animation: fadeIn 2s ease-in-out;
  padding: 8%;
}

.section-title {
  padding: 6% 6%;
  font-size: 2.5rem;
  margin-bottom: 50px;
  color: #e94560;
}

.content {
  display: flex;
  flex-wrap: wrap;
  justify-content: center;
  align-items: center;
  gap: 30px;
}

.content img {
  width: 400px;
  border-radius: 10px;
}

.content p {
  max-width: 600px;
  text-align: justify;
  font-size: 1.1rem;
  line-height: 1.6;
  /* background-color: rgba(43, 51, 59, 0.8); */
  background: white;
  color: #161b22;
  padding: 30px;
  border-radius: 50px;
}

}

.home-text{
  background:solid grey transparent 10px;
  width: 100%;
  height: 50px;
}
span{
  color: red;
}

```

```

/* #auto typing */

.auto-type {
  display: inline-block;
  /* border-right: 2px solid white; */
  white-space: nowrap;
  overflow: hidden;
  animation: typing 3s steps(100, end) infinite alternate, blink
0.7s infinite;
}

@keyframes typing {
  from { width: 0; }
  to { width: 100%; }
}

@keyframes blink {
  50% { border-color: transparent; }
}

/* #transition
*/
/* Smooth fade-in for images */
img {
  opacity: 0;
  transform: translateY(20px);
  transition: opacity 0.8s ease-in-out, transform 0.8s ease-in-out;
}

img.loaded {
  opacity: 1;
  transform: translateY(0);
}

/* Feature Box Hover Effect */
.feature-box {
  transition: transform 0.4s ease, box-shadow 0.4s ease;
}

.feature-box:hover {
  transform: scale(1.05);
  box-shadow: 0 10px 20px rgba(0, 0, 0, 0.2);
}

/* Smooth transition for paragraph text */
p {
  opacity: 0;
  transform: translateY(15px);

```

```

    transition: opacity 0.7s ease-in-out, transform 0.7s ease-in-out;
}

p.show {
    opacity: 1;
    transform: translateY(0);
}

/* Button hover animation */
.k-btn a {
    display: inline-block;
    padding: 10px 20px;
    background-color: #007BFF;
    color: #fff;
    text-decoration: none;
    border-radius: 5px;
    transition: background-color 0.3s ease, transform 0.3s ease;
}

.k-btn a:hover {
    background-color: #0056b3;
    transform: scale(1.1);
}

/* Apply fade-in effect when scrolling */
.content {
    opacity: 0;
    transform: translateX(30px);
    transition: opacity 3s ease, transform 3s ease;
}

.content.visible {
    opacity: 1;
    transform: translateY(0);
}

.about .content {
    display: flex;
    align-items: center;
    justify-content: space-between;
    margin-bottom: 30px;
}

.about .content:nth-child(odd) {
    flex-direction: row-reverse; /* Image on the left, text on the right */
}

.about .content:nth-child(even) {
    flex-direction: row; /* Image on the right, text on the left */
}

```

```

}

.about .content img {
  width: 30%;
  border-radius: 10px;
}

.about .content p {
  width: 50%;
  font-size: 1.2rem;
  line-height: 1.5;
}

/* #design the menu */
.navbar {
  background-color: #333;
  padding: 10px 20px;
}

.menu {
  list-style-type: none;
  padding: 0;
  margin: 0;
  display: flex;
  margin-left: 38%;
}

.menu-item {
  position: relative;
  padding: 15px 20px;
  color: white;
  cursor: pointer;
}

.menu-item:hover {
  background-color: #555;
}

.dropdown {
  display: none;
  position: absolute;
  top: 100%;
  left: 0;
  background-color: #444;
  min-width: 200px;
  list-style-type: none;
  padding: 0;
  margin: 0;
}

```



```

        box-shadow: 0px 4px 8px rgba(0, 0, 0, 0.2);
    }

    .dropdown li {
        padding: 10px;
    }

    .dropdown li a {
        color: white;
        text-decoration: none;
        display: block;
    }

    .dropdown li:hover {
        background-color: #666;
    }

    .menu-item:hover .dropdown {
        display: block;
    }

    /* Background Video */
    .video-container {
        width: 100%;
        height: 500px; /* Adjust the height as needed */
        overflow: hidden;
        margin-top: 5.5%;
        margin-bottom: -110px;
    }

    .video-container video {
        width: 100%;
        height: 100%;
        object-fit: cover;
    }

</style>
<body>

    <!-- Back Button -->
    <button id="back-button" style="width: 6%;" onclick="goBack()"><a
href="{% url 'dashboard' %}" class="back">⌕ Back</a></button>
<div class="home-text">

    <h1><span class="auto-type">Welcome to SOS Emergency Cyber Security
Service</span></h1>
    <p class="paragraph">Click the SOS button if you need immediate
assistance. <br>

```

```

        Response in the Blink of an Eye:<span> SOS Alerts and Immediate
</span>Crisis Communication
    </p>
</div>
<!-- Video Section -->
<div class="video-container">
    <video autoplay muted loop>
        <source src="{% static 'videos/sos_background.mp4.mp4' %}"
type="video/mp4">
        Your browser does not support the video tag.
    </video>
</div>
<!-- #end-video-bg -->

<!--start # -->
<div class="container blocked-sites" id="awareness">
    <h2>Internet Safety Awareness</h2>
    <p>Be aware of harmful websites that can steal your data or expose you to
illegal content.</p>

    <div class="awareness-grid">
        <div class="awareness-item">
            
            <p>Protect your data from hackers and phishing scams.</p>
        </div>
        <div class="awareness-item">
            
            <p>Use strong passwords and enable two-factor authentication.</p>
        </div>
        <div class="awareness-item">
            
            <p>Avoid downloading files from untrusted sources.</p>
        </div>
        <div class="awareness-item">
            
            <p>Verify website URLs to prevent online fraud.</p>
        </div>
    </div>

    <!-- send stage -->
    <div class="container blocked-sites" id="awareness">
        <h2>Internet Safety Awareness</h2>
        <p>Be aware of harmful websites that can steal your data or expose you to
illegal content.</p>

```

```

<div class="awareness-grid">
  <div class="awareness-item">
    
    <p>Make sure you're using a secure internet connection.</p>
  </div>
  <div class="awareness-item">
    
    <p>Keep software and operating systems updated.</p>
  </div>
  <div class="awareness-item">
    
    <p>Check that websites look and feel reliable.</p>
  </div>
  <div class="awareness-item">
    
    <p>Double check online information.</p>
  </div>
</div>

</div>

<!--end # -->
<!-- SOS Button -->
<button id="sos-button" style="width: 9%; height:7%;">🆘 SOS</button>

<!-- SOS Popup -->
<div id="sos-popup">
  <p>🆘 Emergency Help Requested!</p>
  <p id="location-text">Getting live location...</p>
  <div id="map-frame"></div> <!-- Live Map will be shown here -->
  <button id="send-whatsapp">📧 Send via WhatsApp</button>
  <button id="send-gmail">✉️ Send via Gmail</button>
  <button id="close-popup">Close</button>
</div>

<script>
  document.addEventListener("DOMContentLoaded", function () {
    let sosButton = document.getElementById("sos-button");
    let sosPopup = document.getElementById("sos-popup");
    let locationText = document.getElementById("location-text");
    let mapFrame = document.getElementById("map-frame");
    let sendWhatsApp = document.getElementById("send-whatsapp");
    let sendGmail = document.getElementById("send-gmail");
  });

```

```

    let lat, long;

    function updateLocation() {
        if (navigator.geolocation) {
            navigator.geolocation.getCurrentPosition(function
(position) {
                lat = position.coords.latitude;
                long = position.coords.longitude;

                locationText.innerHTML = `📍 Your Location: <br>
Latitude: ${lat}, Longitude: ${long}`;

                let mapIframe = `<iframe
width="100%" height="200"
frameborder="0" style="border:0"
src="https://maps.google.com/maps?q=${lat},${l
ong}&z=15&output=embed" allowfullscreen>
</iframe>`;

                mapFrame.innerHTML = mapIframe;

            }, function () {
                locationText.innerHTML = "🚫 Location access
denied! Please enable location services.";
            });
        } else {
            locationText.innerHTML = "🚫 Geolocation is not
supported by your browser.";
        }
    }

    sosButton.addEventListener("click", function () {
        sosPopup.style.display = "block";
        updateLocation();
    });

    document.getElementById("close-
popup").addEventListener("click", function () {
        sosPopup.style.display = "none";
    });

    sendWhatsApp.addEventListener("click", function () {
        if (lat && long) {
            let message = `📞 Emergency Alert! \nLocation:
Latitude: ${lat}, Longitude: ${long}\nGoogle Maps:
https://maps.google.com/?q=${lat},${long}`;

```

```

        let whatsappLink =
`https://api.whatsapp.com/send?phone=918660213198&text=${encodeURIComponent(message)}`;

        window.open(whatsappLink, "_blank");
    } else {
        alert("Location not available. Please allow location
access.");
    }
});

    sendGmail.addEventListener("click", function () {
        if (lat && long) {
            let message = `📞 Emergency Alert! \nLocation:
Latitude: ${lat}, Longitude: ${long}\nGoogle Maps:
https://maps.google.com/?q=${lat},${long}`;
            let gmailLink =
`https://mail.google.com/mail/?view=cm&fs=1&to=&su=Emergency%20SOS%20Alert!&body=${encodeURIComponent(message)}`;
            window.open(gmailLink, "_blank");
        } else {
            alert("Location not available. Please allow location
access.");
        }
    });

});

function goBack() {
    window.history.back();
}

// auto typing text
document.addEventListener("DOMContentLoaded", function () {
    let textElement = document.querySelector(".home-text h1");
    let fullText = "Welcome to SOS Emergency Cyber Security Service";
    let index = 0;

    function typeEffect() {
        textElement.innerHTML = "";
        index = 0;
        typeNextChar();
    }

    function typeNextChar() {
        if (index < fullText.length) {
            let displayText = fullText.substring(0, index + 1);
            displayText = displayText.replace("SOS Emergency", "<span
style='color: red;'>SOS Emergency</span>");

```

```

        textElement.innerHTML = displayText;
        index++;
        setTimeout(typeNextChar, 100);
    } else {
        setTimeout(typeEffect, 1500); // Restart after a short delay
    }
}

typeEffect();
});

// #transitions

document.addEventListener("DOMContentLoaded", function () {
    const images = document.querySelectorAll("img");
    const texts = document.querySelectorAll("p");
    const contents = document.querySelectorAll(".content");

    images.forEach(img => img.classList.add("loaded"));
    texts.forEach(text => text.classList.add("show"));

    function revealOnScroll() {
        contents.forEach(content => {
            const rect = content.getBoundingClientRect();
            if (rect.top < window.innerHeight - 100) {
                content.classList.add("visible");
            }
        });
    }

    window.addEventListener("scroll", revealOnScroll);
    revealOnScroll();
});

</script>

</body>
</html>

```

3.contact.htm/Css/Js:

```
{%load static%}
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Contact Us - Cyber Crime Prediction</title>
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.7.2/css/all.min.css">
  <style>
    /* Basic styling */
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}
body {
  font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
  background-color: #f4f4f4;
  color: #333;
}
h1 {
  color: white;
  text-align: center;
  padding: 10px;
  text-transform: uppercase;
  letter-spacing: 2px;
  animation: fadeInDown 1.2s ease-in-out;
}
form {
  max-width: 600px;
  margin: 10% auto;
  padding: 40px;
  background-color: rgba(43, 51, 59, 0.85);
  border-radius: 12px;
  box-shadow: 0 8px 20px rgba(0, 0, 0, 0.3);
  transition: transform 0.3s ease, box-shadow 0.3s ease;
  animation: zoomIn 1.4s ease-in-out;
}
form:hover {
  transform: scale(1.02);
  box-shadow: 0 10px 30px rgba(0, 0, 0, 0.5);
}
input, textarea {
  width: 100%;
  padding: 12px;
```

```

    margin: 12px 0;
    border: 1px solid #ccc;
    border-radius: 6px;
    font-size: 15px;
    transition: 0.3s ease-in-out;
}
input:focus, textarea:focus {
    outline: none;
    border-color: #e94560;
    box-shadow: 0 0 8px rgba(233, 69, 96, 0.4);
}

/* Background image section */

/* Animation Keyframes */
@keyframes fadeInDown {
    from {
        opacity: 0;
        transform: translateY(-30px);
    }
    to {
        opacity: 1;
        transform: translateY(0);
    }
}

@keyframes zoomIn {
    0% {
        opacity: 0;
        transform: scale(0.95);
    }
    100% {
        opacity: 1;
        transform: scale(1);
    }
}

/* Back Button Styles */
.bg {
    display: flex;
    align-items: center;
    justify-content: flex-end; /* Push content (form) to the right */
    height: 100vh;
    background: url("{% static 'images/bg.jpg' %}") no-repeat center
center/cover;
    position: relative;
    overflow: hidden;
    padding: 20px;

```



```

    margin-top: -20px;
}

/* Back button updated styles */
.backbtn {
    position: absolute;
    top: 20px;
    left: 20px;
    background: linear-gradient(45deg, #e94560, #ff6b81);
    border: none;
    font-size: 16px;
    color: white;
    border-radius: 8px;
    padding: 10px 16px;
    cursor: pointer;
    display: flex;
    align-items: center;
    gap: 6px;
    box-shadow: 2px 4px 10px rgba(0, 0, 0, 0.3);
    z-index: 10;
}

.backbtn i {
    color: white;
}

.backbtn a {
    color: white;
    text-decoration: none;
    font-weight: bold;
}

/* Form aligned to right (already inside flex) */
form {
    width: 100%;
    max-width: 600px;
    margin-left: auto;
    margin-right: 60px; /* Adjust distance from right side */
    padding: 40px;
    background-color: rgba(43, 51, 59, 0.85);
    border-radius: 12px;
    box-shadow: 0 8px 20px rgba(0, 0, 0, 0.3);
    animation: zoomIn 1.4s ease-in-out;
}

.submit{
    background: none;
    width: 20px;
    height: 10px;
}

```

```

    </style>
</head>
<body>
    <!-- <div class="bg">
        
    </div> -->

    <button class="backbtn1" onclick="goBack()">
        <!-- <i class="fa fa-arrow-left"></i> -->
        <!-- <span>Back</span> -->
    </button>

    <div class="bg">
        <!-- Back Button -->
        <button class="backbtn" onclick="goBack()">
            <i class="fa-solid fa-backward"></i>
            <a href="{% url 'dashboard' %}">Back</a>
        </button>

        <!-- Contact Form -->
        <form class="transition" action="https://api.web3forms.com/submit"
method="POST">
            <h1>contact us</h1>
            {% csrf_token %}
            <input type="hidden" name="access_key" value="a242567a-0d6b-4867-
ab53-49c873f96c6d">
            <input type="text" name="name" placeholder="Your Name" required>
            <input type="email" name="email" placeholder="Your Email"
required>
            <textarea name="message" rows="6" placeholder="Your Message"
required></textarea>
            <button type="submit" style="width: 150px; height: 40px;
background-color: #ff6b81; font-size: 12px; color: white;border-radius:10px;
font-weight: bolder;">Send Message</button>
        </form>
    </div>

    <footer style="background-color:#0d1117; color:#fff; padding: 40px 20px;
text-align: center; font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-
serif; margin-top: 1px;">
        <div style="max-width: 1000px; margin: auto;">
            <h2 style="margin-bottom: 20px; font-size: 22px; color:
#e94560;">Explore More</h2>
            <div style="display: flex; flex-wrap: wrap; justify-content:
center; gap: 30px; font-size: 15px;">

```

```

        <div><a href="{% url 'dashboard' %}" style="color: #aaa; text-decoration: none;">Report a Cyber Crime</a></div>
        <div><a href="https://cybercrime.gov.in/Webform/chkackstatus.aspx" style="color: #aaa; text-decoration: none;">Track Complaint Status</a></div>
        <div><a href="https://www.checkpoint.com/lp/quantum-force-phishing-prevention/?utm_campaign=dg_dem_24q2_ww_all_mix-g-force-paidsearchgeneric-demo-lg_en-gsem&utm_source=google-dg&utm_medium=cpc&utm_term=phishing%20attack%20and%20prevention&utm_content=phishing_1&gad_source=1&gclid=CjwKCAjwzMi_BhACEiwAX4YZUP2LQ5zZb4wwpprfWSiRxUvtXVir0PwpDKQp3TE9DxtK-12tpn4_-BoCjmwQAvD_BwE" style="color: #aaa; text-decoration: none;">Phishing Awareness</a></div>
        <div><a href="{% url 'timeline' %}" style="color: #aaa; text-decoration: none;">Fraudulent Links Checker</a></div>
        <div><a href="https://www.fortinet.com/resources/cyberglossary/artificial-intelligence-in-cybersecurity" style="color: #aaa; text-decoration: none;">Threat Intelligence</a></div>
        <div><a href="#" style="color: #aaa; text-decoration: none;">Live Crime Graph</a></div>
        <div><a href="{% url 'base' %}" style="color: #aaa; text-decoration: none;">SOS Location Help</a></div>
        <div><a href="#" style="color: #aaa; text-decoration: none;">Helpline Numbers</a></div>
    </div>
    <p style="margin-top: 30px; font-size: 13px; color: #666;">&copy; 2025 Cyber Crime Prediction Platform. All rights reserved.</p>
</div>
</footer>

<script>

function goBack() {
    if (document.referrer) {
        window.history.back();
    } else {
        window.location.href = "{% url 'dashboard' %}";
    }
}

// JavaScript for form submission
const form = document.getElementById('contact-form');
form.addEventListener('submit', function(event) {
    event.preventDefault(); // Prevent the default form submission
    const formData = new FormData(form);
    fetch('/send-email', {
        method: 'POST',
        body: formData,
    })

```

```
    })
    .then(response => response.json())
    .then(data => {
        alert(data.message);
    })
    .catch(error => {
        alert('Error sending message. Please try again later.');
```

```
    });
</script>

</body>
</html>
```

5.crimesgraphs.html/Css/Js:

```
{% load static %}
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Login</title>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <style>
    * { box-sizing: border-box; padding: 0; margin: 0; font-family: 'Poppins',
sans-serif; }
    body {
      background:
        linear-gradient(135deg, rgba(72,84,97,0.7), rgba(40,49,59,0.7)),
        url("https://eda.europa.eu/images/default-source/images/cyber.jpg")
no-repeat center center fixed;
      background-size: cover;
      min-height: 100vh;
      display: flex;
      justify-content: center;
      align-items: center;
      color: white;
      width: 100%;
      position: absolute;
      overflow-x: hidden;
      transform-style: preserve-3d;
    }
    .form-container {
      background: rgba(72, 69, 69, 0.664);
      padding: 30px;
      border-radius: 15px;
      width: 90%;
      max-width: 400px;
      box-shadow: 0 0 20px rgba(0, 0, 0, 0.5);
      backdrop-filter: blur(6px);
      opacity: 0;
      transform: translateY(-50px);
      animation: dropFade 3s ease forwards;
    }
    @keyframes dropFade {
      to {
        opacity: 1;
        transform: translateY(0);
      }
    }
    input:focus, textarea:focus {
      outline: none;
```

```

border-color: #f33353;
box-shadow: 0 0 20px rgba(241, 31, 66, 0.4);
}

.form-container h2 {
  text-align: center;
  margin-bottom: 10px;
  font-size: 22px;
}
input {
  width: 100%;
  padding: 10px;
  margin: 10px 0;
  border: none;
  border-radius: 8px;
}
button {
  width: 100%;
  padding: 10px;
  background: rgb(250, 85, 85);
  border: none;
  border-radius: 8px;
  font-weight: bold;
  color: white;
  cursor: pointer;
}
.message {
  color: #ff4d4d;
  text-align: center;
  margin-bottom: 10px;
}
.register-link {
  text-align: center;
  margin-top: 15px;
}
.register-link a {
  color: rgb(237, 90, 90);
  text-decoration: underline;
}
</style>
</head>
<body>
<div class="form-container">
  <h2>Login</h2>

  {% if messages %}
    <div class="message">
      {% for message in messages %}
        <p>{{ message }}</p>

```

```

        {% endfor %}
    </div>
{% endif %}

<form method="POST" onsubmit="return validateLogin()">
    {% csrf_token %}
    <input type="text" name="username" placeholder="Username" required>
    <input type="password" name="password" placeholder="Password" required>
    <button type="submit">Login</button>
</form>

<div class="register-link">
    Don't have an account?
    <a href="{% url 'register' %}">Register here</a>
</div>
</div>

<script>
    function validateLogin() {
        const username = document.querySelector('input[name="username"]').value;
        const password = document.querySelector('input[name="password"]').value;
        if (!username || !password) {
            alert("Please fill in all fields.");
            return false;
        }
        return true;
    }
</script>
</body>
</html>

```

6.register.html/Css/Js:

```
{% load static %}
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Register</title>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <style>
    * {
      box-sizing: border-box;
      padding: 0;
      margin: 0;
      font-family: 'Poppins', sans-serif;
    }
    body {
      background:
        linear-gradient(135deg, rgba(72,84,97,0.7), rgba(40,49,59,0.7)),
        url("https://eda.europa.eu/images/default-source/images/cyber.jpg")
no-repeat center center fixed;
      background-size: cover;
      min-height: 100vh;
      display: flex;
      justify-content: center;
      align-items: center;
      color: white;
      width: 100%;
      position: absolute;
      overflow-x: hidden;
      transform-style: preserve-3d;
    }

    .form-container {
      background: rgba(73, 72, 72, 0.664);
      padding: 30px;
      border-radius: 15px;
      width: 90%;
      height: 450px;
      max-width: 400px;
      box-shadow: 0 0 20px rgba(0, 0, 0, 0.5);
      backdrop-filter: blur(6px);
      opacity: 0;
      transform: translateY(-50px);
      animation: dropFade 3s ease forwards;
    }
    input:focus, textarea:focus {
      outline: none;
```



```

border-color: #f33353;
box-shadow: 0 0 20px rgba(241, 31, 66, 0.4);
}

@keyframes dropFade {
  to {
    opacity: 1;
    transform: translateY(0);
  }
}

h2 {
  font-size: 20px;
  text-align: center;
  margin-bottom: 20px;
}

input {
  width: 100%;
  padding: 10px;
  margin: 10px 0;
  border: none;
  border-radius: 8px;
}

button {
  width: 100%;
  padding: 10px;
  background: rgb(242, 99, 99);
  border: none;
  border-radius: 8px;
  font-weight: bold;
  color: white;
  cursor: pointer;
}

.message {
  color: #ff4d4d;
  text-align: center;
  margin-bottom: 10px;
}

a {
  text-decoration: none;
}

</style>
</head>
<body>

```

```

<div class="form-container">
  <h2>Register</h2>

  {% if messages %}
    <div class="message">
      {% for message in messages %}
        <p>{{ message }}</p>
      {% endfor %}
    </div>
  {% endif %}

  <form method="POST" onsubmit="return validateRegister()">
    {% csrf_token %}
    <input type="text" name="fullname" placeholder="Full Name" required>
    <input type="email" name="email" placeholder="Email" required>
    <input type="text" name="username" placeholder="Username" required>
    <input type="password" name="password" placeholder="Password" required>
    <input type="password" name="confirmPassword" placeholder="Confirm
Password" required>
    <button type="submit">Register</button>
  </form>

  <p style="text-align: center; margin-top: 15px;">
    Already registered?
    <a href="{% url 'login' %}" style="color:#ff4d4d;">Please login</a>
  </p>
</div>

<script>
  function validateRegister() {
    const password = document.querySelector('input[name="password"]').value;
    const confirm =
document.querySelector('input[name="confirmPassword"]').value;
    if (password !== confirm) {
      alert("Passwords do not match!");
      return false;
    }
    return true;
  }
</script>
</body>
</html>

```

7.login.html/Css/Js:

```
{% load static %}
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Login</title>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <style>
    * { box-sizing: border-box; padding: 0; margin: 0; font-family: 'Poppins',
sans-serif; }
    body {
      background:
        linear-gradient(135deg, rgba(72,84,97,0.7), rgba(40,49,59,0.7)),
        url("https://eda.europa.eu/images/default-source/images/cyber.jpg")
no-repeat center center fixed;
      background-size: cover;
      min-height: 100vh;
      display: flex;
      justify-content: center;
      align-items: center;
      color: white;
      width: 100%;
      position: absolute;
      overflow-x: hidden;
      transform-style: preserve-3d;
    }
    .form-container {
      background: rgba(72, 69, 69, 0.664);
      padding: 30px;
      border-radius: 15px;
      width: 90%;
      max-width: 400px;
      box-shadow: 0 0 20px rgba(0, 0, 0, 0.5);
      backdrop-filter: blur(6px);
      opacity: 0;
      transform: translateY(-50px);
      animation: dropFade 3s ease forwards;
    }
    @keyframes dropFade {
      to {
        opacity: 1;
        transform: translateY(0);
      }
    }
    input:focus, textarea:focus {
      outline: none;
```

```

border-color: #f33353;
box-shadow: 0 0 20px rgba(241, 31, 66, 0.4);
}

.form-container h2 {
  text-align: center;
  margin-bottom: 10px;
  font-size: 22px;
}
input {
  width: 100%;
  padding: 10px;
  margin: 10px 0;
  border: none;
  border-radius: 8px;
}
button {
  width: 100%;
  padding: 10px;
  background: rgb(250, 85, 85);
  border: none;
  border-radius: 8px;
  font-weight: bold;
  color: white;
  cursor: pointer;
}
.message {
  color: #ff4d4d;
  text-align: center;
  margin-bottom: 10px;
}
.register-link {
  text-align: center;
  margin-top: 15px;
}
.register-link a {
  color: rgb(237, 90, 90);
  text-decoration: underline;
}
</style>
</head>
<body>
<div class="form-container">
  <h2>Login</h2>

  {% if messages %}
    <div class="message">
      {% for message in messages %}
        <p>{{ message }}</p>

```

```

        {% endfor %}
    </div>
{% endif %}

<form method="POST" onsubmit="return validateLogin()">
    {% csrf_token %}
    <input type="text" name="username" placeholder="Username" required>
    <input type="password" name="password" placeholder="Password" required>
    <button type="submit">Login</button>
</form>

<div class="register-link">
    Don't have an account?
    <a href="{% url 'register' %}">Register here</a>
</div>
</div>

<script>
    function validateLogin() {
        const username = document.querySelector('input[name="username"]').value;
        const password = document.querySelector('input[name="password"]').value;
        if (!username || !password) {
            alert("Please fill in all fields.");
            return false;
        }
        return true;
    }
</script>
</body>
</html>

```

8.urls-blocking.html/CSs/Js:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Fake & Suspicious URL Detector</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background:
url('https://source.unsplash.com/1600x900/?cybersecurity,scam') no-repeat
center center fixed;
      background-size: cover;
      color: white;
      text-align: center;
      padding: 20px;
    }
    .container {
      background: rgba(0, 0, 0, 0.8);
      padding: 20px;
      border-radius: 10px;
      display: inline-block;
      max-width: 700px;
    }
    .back-button {
      position: absolute;
      top: 10px;
      left: 10px;
      background: red;
      color: white;
      border: none;
      padding: 10px;
      cursor: pointer;
      font-weight: bold;
    }
    input, button {
      padding: 10px;
      margin: 10px;
      border: none;
      border-radius: 5px;
    }
    button {
      background: green;
      color: white;
      cursor: pointer;
    }
  </style>
</head>
<body>
  <div class="container">
    <div class="back-button">Back</div>
    <input type="text" value="https://source.unsplash.com/1600x900/?cybersecurity,scam" />
    <button>Detect</button>
  </div>
</body>
</html>
```

```

        .message {
            font-weight: bold;
        }
        iframe {
            width: 80%;
            height: 400px;
            border: none;
            margin-top: 20px;
        }
    </style>
</head>
<body>
    <button class="back-button" onclick="history.back()">&#8592; Back</button>
    <div class="container">
        <h1>Fake & Suspicious URL Detector</h1>
        <p>Stay safe from fraudulent, fake, and harmful websites.</p>
        
        <p>Enter a URL below to check if it's suspicious.</p>
        <input type="text" id="urlInput" placeholder="Enter URL (e.g.,
https://example.com)">
        <button onclick="checkURL()">Check Website</button>
        <p id="message" class="message"></p>
        <div id="preview"></div>
    </div>
    <script>
        const suspiciousPatterns = [
            "free", "win", "prize", "gift", "giveaway", "claim", "click",
            "bitcoin", "hacked", "earn",
            "fastmoney", "instantcash", "lottery", "passwordreset",
            "updateinfo", "secureverify", "login-now",
            "bonus", "exclusive", "urgent", "verify", "unlock", "limited",
            "congratulations", "cheapdeal",
            "moneytransfer", "bankingsecure", "bypass", "investment",
            "discount", "accountrecovery"
        ];
        const fakeDomains = [
            ".xyz", ".tk", ".ml", ".cf", ".ga", ".gq", ".biz", ".info",
            ".top", ".work",
            ".pw", ".cc", ".cn", ".su", ".ru", ".ke", ".cm", ".live",
            ".quest", ".stream",
            ".click", ".country", ".club", ".site", ".online", ".vip",
            ".support", ".rest", ".press",
            ".host", ".webcam", ".pro", ".fun", ".review", ".trade",
            ".download", ".accountant", ".racing",
            ".science", ".party", ".loan", ".faith", ".date", ".cricket",
            ".win", ".men", ".gdn", ".wang",

```

```

        ".ninja", ".ooo", ".biz", ".casino", ".gold", ".bet", ".homes",
        ".jobs", ".kim", ".link",
        ".work", ".yokohama", ".zone", ".rocks", ".mom", ".lol", ".fit",
        ".ltd", ".tickets", ".red",
        ".blue", ".black", ".pink", ".green", ".earth", ".bio",
        ".security", ".pharmacy", ".casa"
    ];

    const urlShorteners = [
        "bit.ly", "tinyurl.com", "shorturl.at", "t.co", "goo.gl", "is.gd",
        "buff.ly", "adf.ly", "shor.te.st",
        "cutt.ly", "tiny.cc", "tr.im", "soo.gd", "rebrand.ly",
        "yourls.org", "qr.ae", "snip.ly", "clck.ru",
        "gg.gg", "v.gd", "x.co", "mcaf.ee", "s.id", "u.nu", "rb.gy",
        "t.ly", "lnkd.in", "db.tt", "ow.ly",
        "bit.do", "bc.vc", "0rz.tw", "ity.im", "alturl.com", "safe.mn",
        "2u.pw", "gg.gg", "virl.ws",
        "bityl.co", "oneurl.cc", "shrtco.de", "y2u.be", "po.st", "t2m.io",
        "adcrun.ch", "lc.chat", "qr.net",
        "tny.im", "moourl.com", "urly.fi", "qr.go.page.link", "tny.cz",
        "short.cm", "cutt.us", "shor.by",
        "up.ht", "spoti.fi", "wp.me", "ab.co", "expi.co", "plu.sh",
        "spr.ly", "likeshort.com", "jmp.sh"
    ];

    function isValidURL(string) {
        try {
            let url = new URL(string);
            return true;
        } catch (_) {
            return false;
        }
    }

    function checkURL() {
        let url =
document.getElementById("urlInput").value.trim().toLowerCase();
        if (!url) {
            alert("Please enter a URL");
            return;
        }

        let messageElement = document.getElementById("message");
        let previewDiv = document.getElementById("preview");

        // let malformedURLPattern = /^(ht|f)tps?:\/\/[^\s/$.?\#].*$/;
        let malformedURLPattern = /^(https?:\/\/)?([\w\-\-]+\.)+[\w\-\-
]+(\/[\w\-\-\/?%&=]*)?$/i;

```



```

        if (!malformedURLPattern.test(url)) {
            messageElement.textContent = "⚠ Warning: This URL is fake or
improperly formatted!";
            messageElement.style.color = "red";
            previewDiv.innerHTML = "";
            return;
        }

        let isSuspicious = suspiciousPatterns.some(word =>
url.includes(word));
        let hasFakeDomain = fakeDomains.some(domain =>
url.endsWith(domain));
        let usesShortener = urlShorteners.some(short =>
url.includes(short));
        let hasMultipleHyphens = (url.match(/-/g) || []).length > 3;

        if (isSuspicious || hasFakeDomain || usesShortener ||
hasMultipleHyphens) {
            messageElement.textContent = "⚠ Warning: This URL is highly
suspicious! Do not proceed.";
            messageElement.style.color = "yellow";
            previewDiv.innerHTML = "";
        } else {
            messageElement.textContent = "✅ This website seems safe.";
            messageElement.style.color = "lightgreen";
            previewDiv.innerHTML = `<iframe src="${url}"
onerror="this.src='about:blank'; alert('Error: Unable to load
website.')"></iframe>`;
        }
    }
</script>
</body>
</html>

```

Project file [accounts]:

1.Urls:

```
from django.urls import path
from .views import register_view, login_view, dashboard_view, logout_view,
about, contact, timeline, cyber_crimes, crimesgraphs, base, useraddcrimes,
urlsblocking

urlpatterns = [
    path('register/', register_view, name='register'),
    path('login/', login_view, name='login'),
    path('dashboard/', dashboard_view, name='dashboard'),
    path('logout/', logout_view, name='logout'),

    # Additional pages (make sure these views exist)
    path('about/', about, name='about'),
    path('contact/', contact, name='contact'),
    path('timeline/', timeline, name='timeline'),
    path('cyber_crimes/', cyber_crimes, name='cyber_crimes'),
    path('crimesgraphs/', crimesgraphs, name='crimesgraphs'),
    path('base/', base, name='base'),
    path('useraddcrimes/', useraddcrimes, name='useraddcrimes'),
    path('urlsblocking/', urlsblocking, name='urlsblocking'),
]
```

2.views:

```
from msvcrt import locking
from django.shortcuts import render, redirect
from django.http import HttpResponse
from django.contrib.auth.models import User
from django.contrib.auth import authenticate, login, logout
from django.contrib import messages
from accounts.models import CyberCrime
from django.shortcuts import render

crimes = CyberCrime.objects.all()

# Create the text to render
# context = {'text': 'Hello, this is simple text rendered by Django!'}

# Ensure the correct template name

# User Registration
# def register(request):
#     if request.method == "POST":
#         username = request.POST["username"]
#         email = request.POST["email"]
#         password = request.POST["password"]
#         if User.objects.filter(username=username).exists():
#             messages.error(request, "Username already exists!")
#         else:
#             user = User.objects.create_user(username=username, email=email,
password=password)
#             user.save()
#             messages.success(request, "Registration successful!")
#             return redirect("login")
#         return render(request, "register.html")

# User Login
# def login_view(request):
#     print(crimes)
#     if request.method == "POST":
#         username = request.POST["username"]
#         password = request.POST["password"]
#         user = authenticate(request, username=username, password=password)
#         if user:
#             login(request, user)
#             return redirect("dashboard")
```

```

#         else:
#             messages.error(request, "Invalid credentials!")
#         return render(request, "login.html")

# User Logout
def logout_view(request):
    logout(request)
    return redirect("login")

#contact html file
def contact(request):
    return render(request, 'contact.html')

#about html file
def about(request):
    return render(request, 'about.html') # Ensure this file exists in the
templates folder

#timeline html file
def timeline(request):
    return render(request, 'timeline.html')

#cvber crim html file linking
def cyber_crimes(request):
    print("Log", crimes)
    return render(request, 'cyber_crimes.html')

def cyber_crimes_view(request):
    crimes = CyberCrime.objects.all()
    print("Retrieved Data:", crimes) # Debugging print statement
    return render(request, 'cyber_crimes.html', {'crimes': crimes})

#crimesgraphs html file
def crimesgraphs(request):
    return render(request, 'crimesgraphs.html')

#reports of the crimes
def base(request):
    return render(request, 'base.html')

# User Dashboard
def dashboard(request):
    if not request.user.is_authenticated:
        return redirect("login")
    return render(request, "dashboard.html", {"user": request.user})

#user crimes add box

```

```

def useraddcrimes(request):
    return render(request, 'useraddcrimes.html')

def timeline(request):
    return render(request, "timeline.html") # Ensure 'timeline.html' exists
in the templates folder

#urls-blocking
def urlsblocking(request):
    return render(request, "urlsblocking.html")
from django.shortcuts import render, redirect
from django.contrib.auth import authenticate, login as auth_login, logout as
auth_logout
from django.contrib.auth.models import User
from django.contrib.auth.decorators import login_required

# Register View
def register_view(request):
    if request.method == 'POST':
        username = request.POST['username']
        password = request.POST['password']
        email = request.POST['email']

        if User.objects.filter(username=username).exists():
            return render(request, 'register.html', {'error': 'Username
already exists'})
        else:
            user = User.objects.create_user(username=username,
password=password, email=email)
            user.save()
            return redirect('login')
    return render(request, 'register.html')

# Login View
def login_view(request):
    if request.method == 'POST':
        username = request.POST['username']
        password = request.POST['password']
        user = authenticate(request, username=username, password=password)

        if user is not None:
            auth_login(request, user)
            return redirect('dashboard') # ↗ redirect to dashboard
        else:
            return render(request, 'login.html', {'error': 'Invalid
credentials'})
    return render(request, 'login.html')

```

```

# Dashboard View
@login_required(login_url='login') # 🔒 requires login
def dashboard_view(request):
    return render(request, 'dashboard.html')

# Logout View
def logout_view(request):
    auth_logout(request)
    return redirect('login')

from django.shortcuts import render, redirect
from django.contrib.auth import authenticate, login as auth_login, logout as auth_logout
from django.contrib.auth.models import User
from django.contrib import messages
from django.contrib.auth.decorators import login_required

def register_view(request):
    if request.method == 'POST':
        # Get form data
        fullname = request.POST.get('fullname')
        email = request.POST.get('email')
        username = request.POST.get('username')
        password = request.POST.get('password')
        confirm_password = request.POST.get('confirmPassword')

        # Validate fields
        if not all([fullname, email, username, password, confirm_password]):
            messages.error(request, "Please fill out all fields.")
            return render(request, 'register.html')

        if password != confirm_password:
            messages.error(request, "Passwords do not match.")
            return render(request, 'register.html')

        if User.objects.filter(username=username).exists():
            messages.error(request, "Username already exists.")
            return render(request, 'register.html')

        if User.objects.filter(email=email).exists():
            messages.error(request, "Email already registered.")
            return render(request, 'register.html')

        # Create and save the user
        user = User.objects.create_user(
            username=username,
            email=email,
            password=password,

```

```

        first_name=fullname
    )
    user.save()
    messages.success(request, "Registration successful! Please log in.")
    return redirect('login')

return render(request, 'register.html')

def login_view(request):
    if request.method == 'POST':
        # Get form data
        username = request.POST.get('username')
        password = request.POST.get('password')

        # Authenticate the user
        user = authenticate(request, username=username, password=password)
        if user is not None:
            auth_login(request, user)
            return redirect('dashboard')
        else:
            messages.error(request, "Invalid credentials!")
            return render(request, 'login.html')

    return render(request, 'login.html')

@login_required(login_url='login')
def dashboard_view(request):
    return render(request, 'dashboard.html', {"user": request.user})

def logout_view(request):
    auth_logout(request)
    messages.success(request, "You have been logged out.")
    return redirect('login')

```

3.accounts/static/js/script.js

```
document.addEventListener("DOMContentLoaded", function () {
    const hamburger_menu = document.querySelector(".hamburger-menu");
    const container = document.querySelector(".container");

    hamburger_menu.addEventListener("click", () => {
        container.classList.toggle("active");
    });
});

// webchicking

document.addEventListener("DOMContentLoaded", function() {
    let activityLog = [];

    function logEvent(eventType, details) {
        activityLog.push({
            event: eventType,
            details: details,
            timestamp: new Date().toISOString()
        });
    }

    // Detect mouse movements
    document.addEventListener("mousemove", function(event) {
        logEvent("mouse_move", { x: event.clientX, y: event.clientY });
    });

    // Detect key presses
    document.addEventListener("keydown", function(event) {
        logEvent("key_press", { key: event.key });
    });

    // Detect button clicks
    document.addEventListener("click", function(event) {
        logEvent("click", { element: event.target.tagName });
    });

    // Send data to Django backend every 10 seconds
    setInterval(function() {
        if (activityLog.length > 0) {
            fetch("/log-user-activity/", {
                method: "POST",
                headers: {
                    "Content-Type": "application/json",
                    "X-CSRFToken": getCSRFToken(),
                }
            });
        }
    }, 10000);
});
```



```
        },
        body: JSON.stringify({ activity: activityLog }),
    });
    activityLog = []; // Clear log after sending
    }
}, 10000);

// Function to get CSRF token for Django requests
function getCSRFToken() {
    return document.querySelector('[name=csrfmiddlewaretoken]').value;
}
});
```

2. app file [auth_system]:

1.urls:

```
from django.contrib import admin
from django.urls import path, include
from django.shortcuts import redirect # ➡ import redirect

urlpatterns = [
    path('admin/', admin.site.urls),
    path('register/', include('accounts.urls')), # ➡ includes register view
    path('', lambda request: redirect('register')), # ➡ redirect root to
/register/
]
```

2.settings:

```
"""
Django settings for auth_system project.

Generated by 'django-admin startproject' using Django 5.1.6.

For more information on this file, see
https://docs.djangoproject.com/en/5.1/topics/settings/

For the full list of settings and their values, see
https://docs.djangoproject.com/en/5.1/ref/settings/
"""

from pathlib import Path

# Build paths inside the project like this: BASE_DIR / 'subdir'.
BASE_DIR = Path(__file__).resolve().parent.parent

# Quick-start development settings - unsuitable for production
# See https://docs.djangoproject.com/en/5.1/howto/deployment/checklist/

# SECURITY WARNING: keep the secret key used in production secret!
SECRET_KEY = 'django-insecure-u0u#%dr)h3-
&ga6%6brk345l+me$b=^$e6f)s019m@47x^c8)r'

# SECURITY WARNING: don't run with debug turned on in production!
DEBUG = True

ALLOWED_HOSTS = []

# Application definition

INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'accounts',
]

MIDDLEWARE = [
    'django.middleware.security.SecurityMiddleware',
```

```

'django.contrib.sessions.middleware.SessionMiddleware',
'django.middleware.common.CommonMiddleware',
'django.middleware.csrf.CsrfViewMiddleware',
'django.contrib.auth.middleware.AuthenticationMiddleware',
'django.contrib.messages.middleware.MessageMiddleware',
'django.middleware.clickjacking.XFrameOptionsMiddleware',
]

ROOT_URLCONF = 'auth_system.urls'

import os

TEMPLATES = [
    {
        'BACKEND': 'django.template.backends.django.DjangoTemplates',
        'DIRS': [os.path.join(BASE_DIR, 'templates')], # Make sure your
templates are inside 'templates/'
        'APP_DIRS': True,
        'OPTIONS': {
            'context_processors': [
                'django.template.context_processors.debug',
                'django.template.context_processors.request',
                'django.contrib.auth.context_processors.auth',
                'django.contrib.messages.context_processors.messages',
            ],
        },
    ],
]

# js request
CSRF_TRUSTED_ORIGINS = ["http://127.0.0.1:8000"]

import os

STATIC_URL = "/static/"

STATICFILES_DIRS = [os.path.join(BASE_DIR, "static"),

                     BASE_DIR / "static",

]

WSGI_APPLICATION = 'auth_system.wsgi.application'

# Database
# https://docs.djangoproject.com/en/5.1/ref/settings/#databases

```

```

DATABASES = {
    'default': {
        'ENGINE': 'django.db.backends.sqlite3',
        'NAME': BASE_DIR / 'db.sqlite3',
    }
}

# Password validation
# https://docs.djangoproject.com/en/5.1/ref/settings/#auth-password-validators

AUTH_PASSWORD_VALIDATORS = [
    {
        'NAME':
'django.contrib.auth.password_validation.UserAttributeSimilarityValidator',
    },
    {
        'NAME':
'django.contrib.auth.password_validation.MinimumLengthValidator',
    },
    {
        'NAME':
'django.contrib.auth.password_validation.CommonPasswordValidator',
    },
    {
        'NAME':
'django.contrib.auth.password_validation.NumericPasswordValidator',
    },
]

# Internationalization
# https://docs.djangoproject.com/en/5.1/topics/i18n/

LANGUAGE_CODE = 'en-us'

TIME_ZONE = 'UTC'

USE_I18N = True

USE_TZ = True

# Static files (CSS, JavaScript, Images)
# https://docs.djangoproject.com/en/5.1/howto/static-files/

STATIC_URL = 'static/'

# Default primary key field type

```

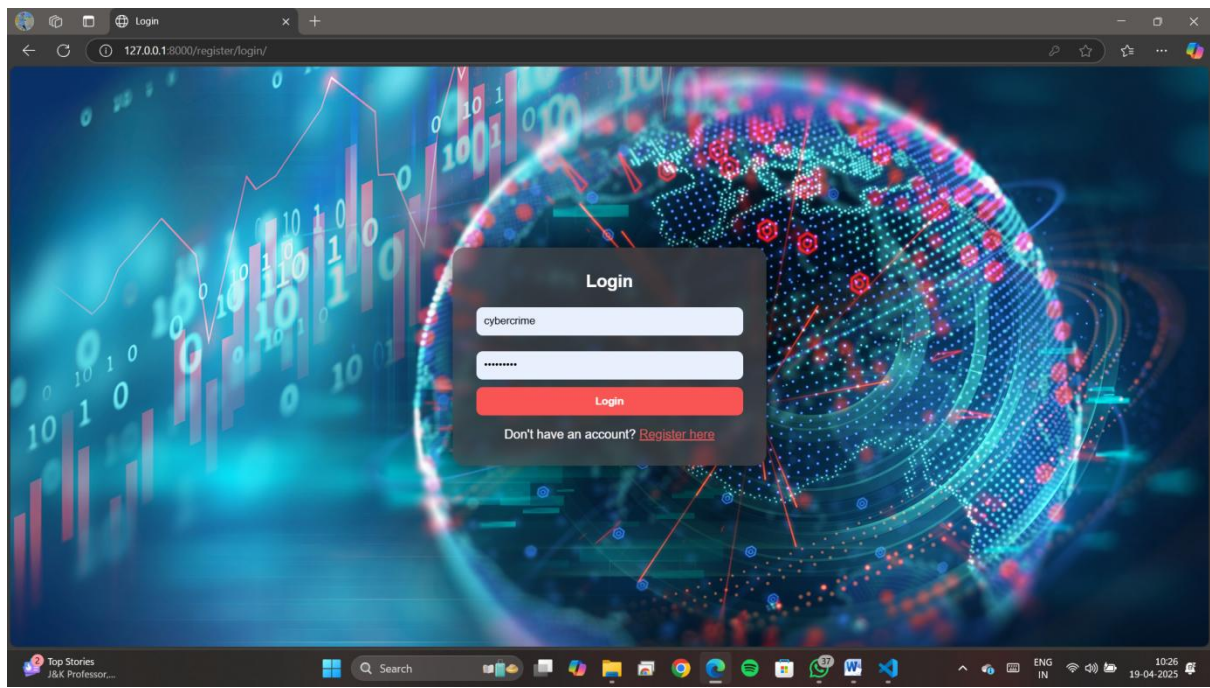
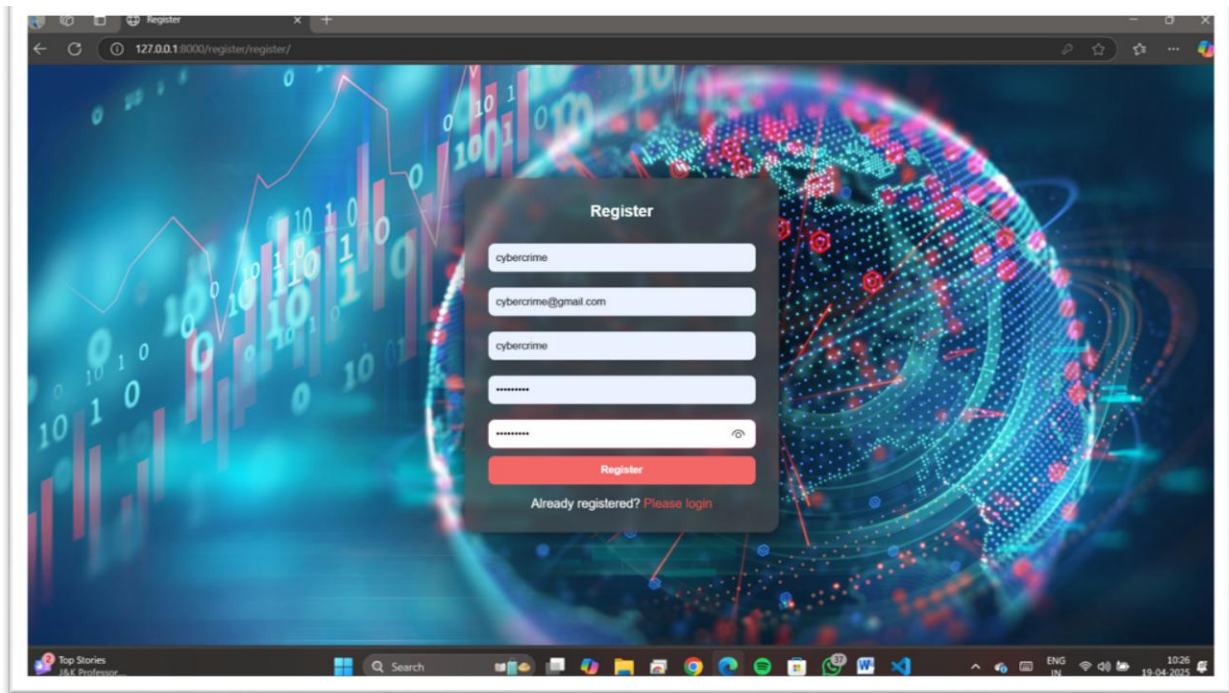
```
# https://docs.djangoproject.com/en/5.1/ref/settings/#default-auto-field
```

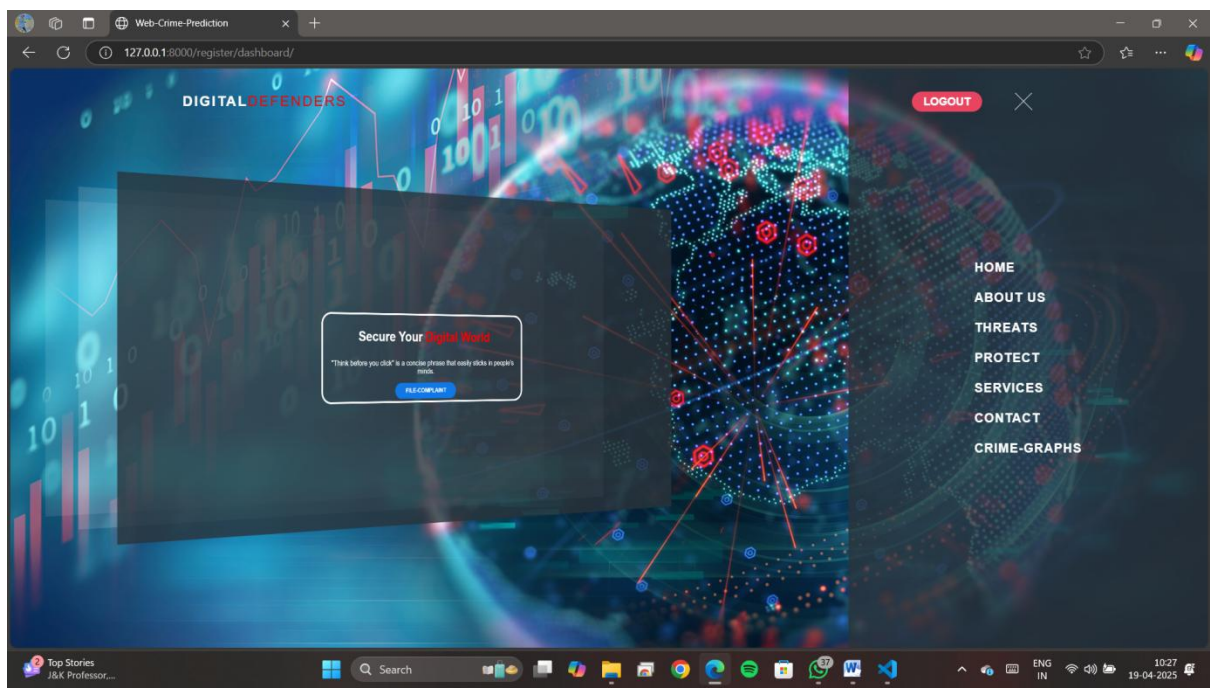
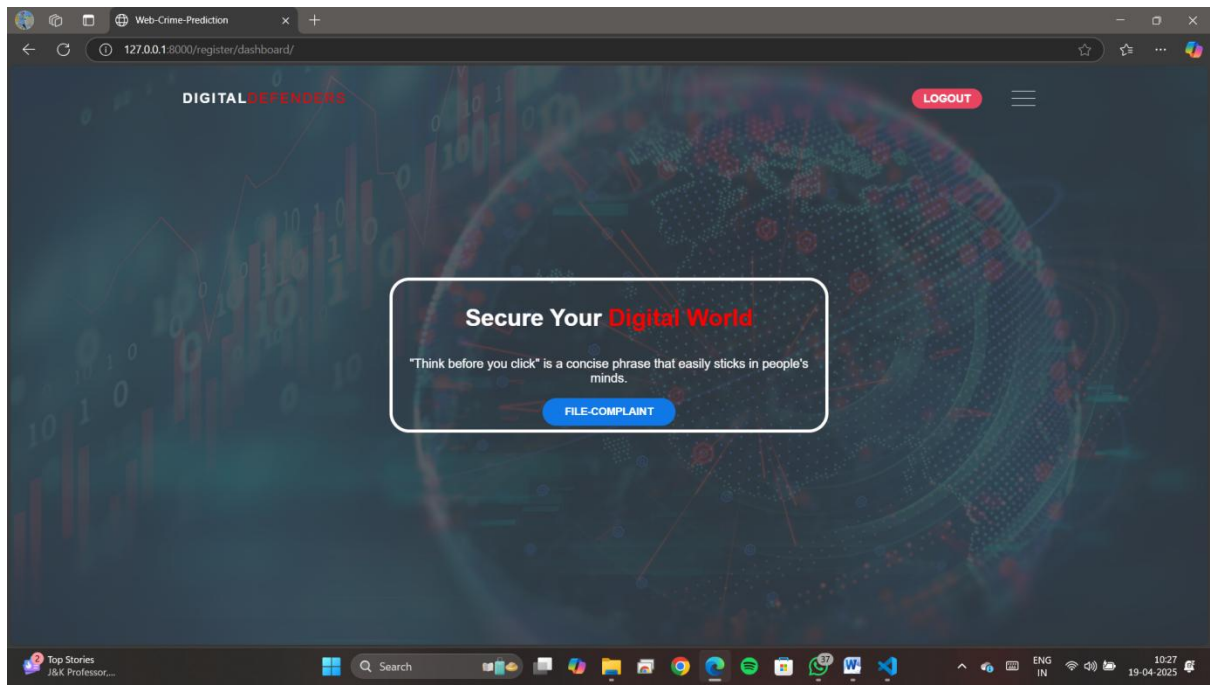
```
DEFAULT_AUTO_FIELD = 'django.db.models.BigAutoField'
```

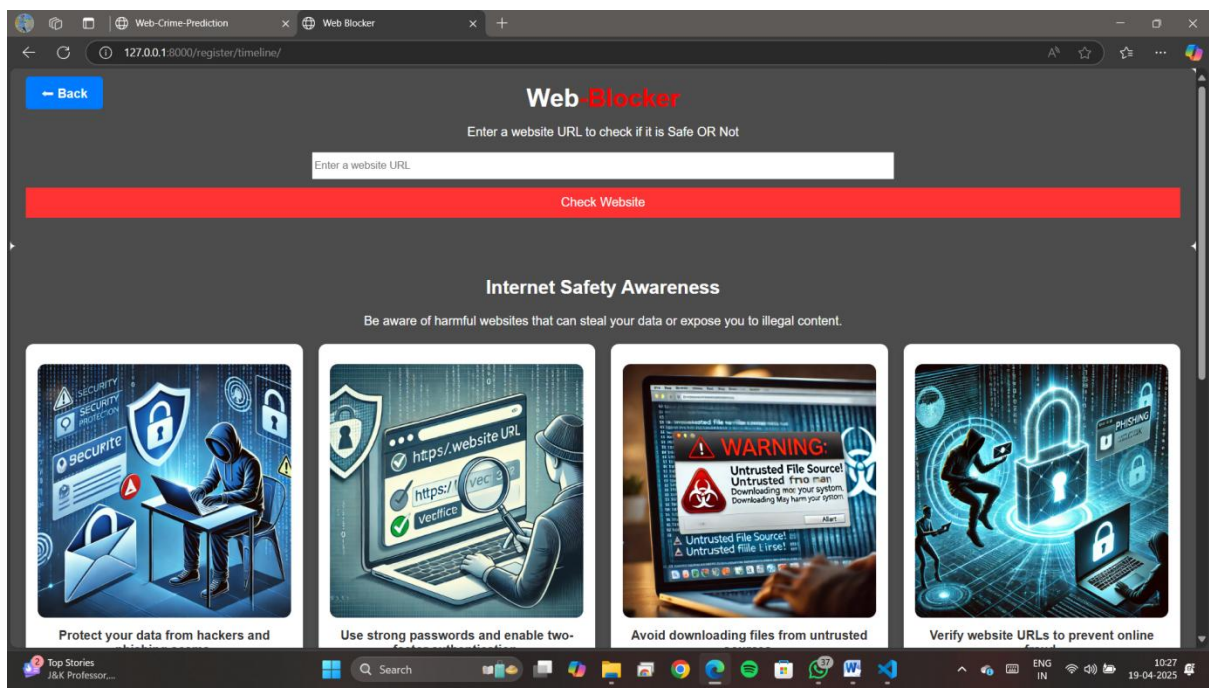
```
#sending mail
```

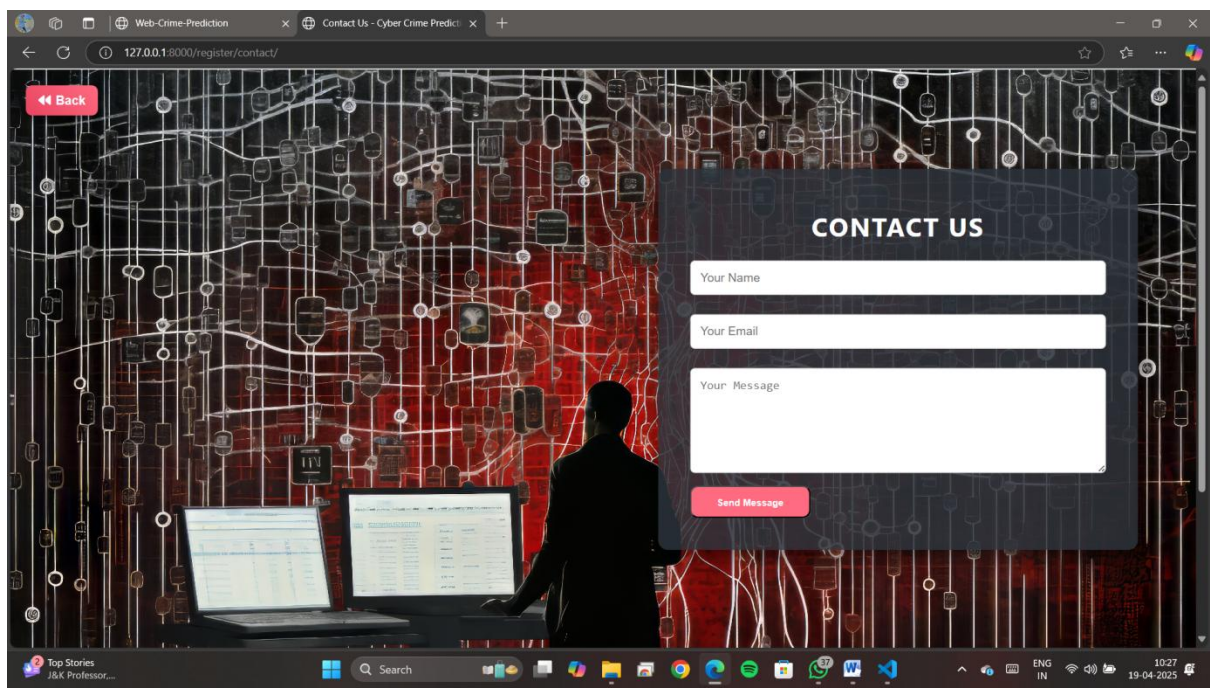
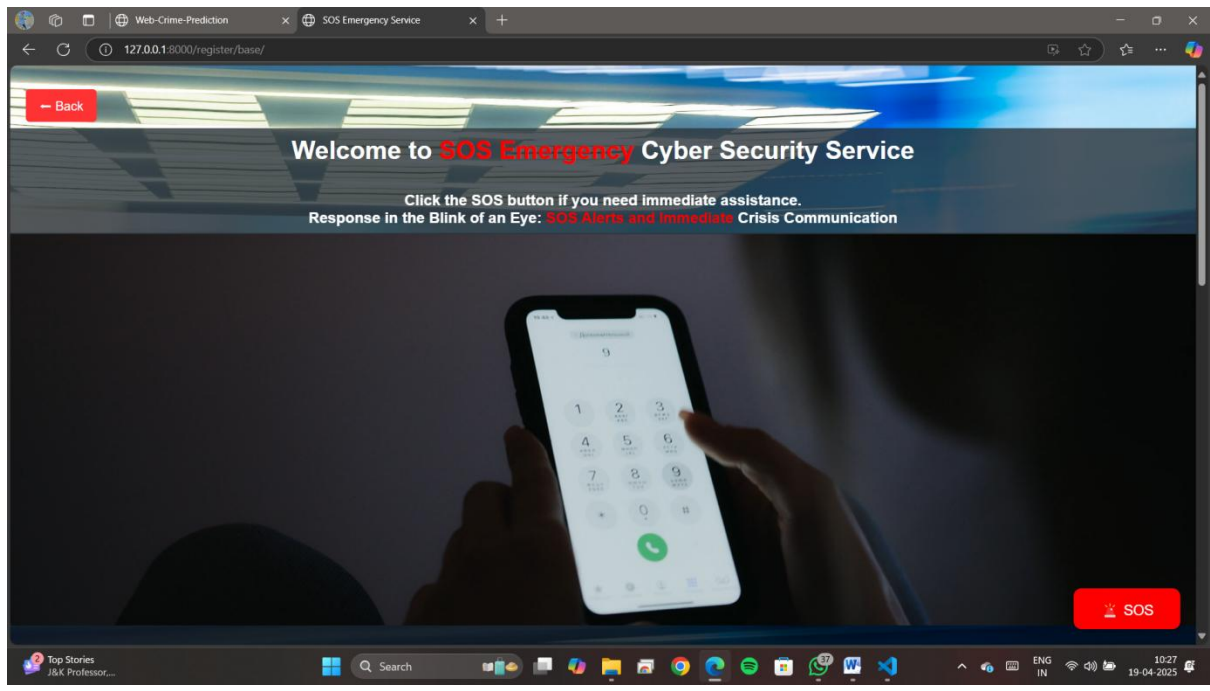
APPENDIX- II

Output:











Conclusion:

6.

Web Crime Prediction systems are essential in today's interconnected world to safeguard users from rising digital threats. By combining machine learning with real-time monitoring and visualizations, the proposed system offers a robust solution for identifying and preventing web-based crimes. With future improvements like advanced AI models