KYLONE ANTIVIRUS SOFTWARE

Front-End Development Project

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Abstract:

In the modern digital era, where cyber threats are continually evolving, there is a growing necessity for enhanced awareness and accessibility regarding computer protection. The **Kylone Antivirus** project presents a conceptual and visual demonstration of an antivirus solution through a front-end web application. This project does not perform real-time threat detection or malware removal, but rather simulates the design, structure, and user interface of a fully functional antivirus application. It serves as a learning model and portfolio showcase of front-end development capabilities using web technologies such as HTML, CSS, and JavaScript.

The core motivation behind the project is to bridge the gap between theoretical cybersecurity tools and their user interface design, emphasizing how modern antivirus software can be made user-friendly, informative, and visually intuitive. Kylone Antivirus mimics real-world antivirus features like quick scan, full system scan, real-time protection status, threat history, and system updates. These features are represented using responsive elements and interactive components built into a single-page application.

From a design standpoint, the project adopts a clean, modern, and professional user interface with real-time-like indicators, scan simulation progress, and alert panels. It aims to engage users in a realistic experience of interacting with a security software interface, reinforcing the understanding of antivirus operations from a front-end perspective.

The Kylone Antivirus project also showcases proficiency in responsive design, DOM manipulation, and front-end architecture. It is a demonstration of how important it is for security tools to not only function well but also present information effectively and accessibly to users of all technical levels.

This project forms a solid foundation for future developments involving back-end integration, real-time API-based scanning engines, and authentication systems. It highlights the significance of combining cybersecurity concepts with seamless front-end development for creating effective, educational, and user-centric software applications.

Object:

The primary objective of the **Kylone Antivirus** project is to conceptualize, design, and implement a front-end simulation of antivirus software that represents the key components and functionalities of a typical security application. Although it does not operate as a real antivirus engine, the project aims to deliver a realistic and engaging user interface that educates users about the design and behavior of cybersecurity tools while showcasing front-end development skills.

In today's technology-driven world, digital threats such as viruses, malware, ransomware, and phishing attacks are becoming more frequent and sophisticated. While many users rely on antivirus software to protect their systems, few understand the structure, interface, or user

interaction logic behind such tools. This project aims to bridge that knowledge gap by offering a simulated yet interactive platform that mirrors the layout and user experience of professional antivirus software.

The **Kylone Antivirus** interface is designed with the following specific objectives in mind:

1. **User Interface Simulation**: To develop a highly intuitive, visually appealing user interface that replicates core antivirus operations such as scanning, threat detection, protection status, and updates.
2. **Front-End Development Practice**: To apply and demonstrate proficiency in front-end technologies like HTML, CSS, and JavaScript to create dynamic and responsive UI components.
3. **Realistic UX Representation**: To give users a feel of how actual antivirus software operates through simulated scan buttons, progress indicators, notifications, and threat logs.
4. **Awareness and Education**: To raise awareness about antivirus features and functionality among users, especially those without a technical background, by creating an educational and accessible interface.
5. **Portfolio Enhancement**: To present this project as a practical portfolio item that reflects the developer's creativity, attention to UI/UX detail, and problem-solving approach in front-end software development.
6. **Foundational Prototype**: To lay the groundwork for future expansion into a full-stack antivirus simulator by potentially integrating back-end services, user authentication, real scan APIs, or database management systems.

Ultimately, the objective of the Kylone Antivirus project is to create a compelling front-end demonstration that reflects the importance of cybersecurity while promoting design thinking, user engagement, and technical competence in web development.

Introduction:

In the era of digital connectivity, where information systems, personal data, and organizational infrastructures are increasingly dependent on the internet, the importance of cybersecurity has reached unprecedented levels. With the exponential growth in digital communication and data storage, malicious actors have also evolved their techniques, leading to a surge in cyber threats such as viruses, worms, Trojans, spyware, and ransomware. Antivirus software serves as the first line of defense against such digital threats, offering users both protection and peace of mind. This project, titled **Kylone Antivirus**, aims to simulate the front-end design and functional behavior of a modern antivirus application, focusing on user experience, interface design, and core simulated features.

The name "Kylone" was chosen to evoke a futuristic, tech-savvy feel—representing innovation in the field of virtual security. While this project is not intended to be a fully functioning antivirus engine capable of detecting and removing malware, it is designed to mimic the interface and usability of such a tool. The idea is to build an educational and portfolio-worthy project that showcases the key components of antivirus software from a front-end development perspective.

Kylone Antivirus incorporates essential antivirus interface elements such as real-time protection indicators, scan modes (Quick Scan, Full Scan, Custom Scan), system status dashboards, update sections, and simulated threat detection logs. Through the use of HTML, CSS, and JavaScript, this application provides interactive behavior and visual feedback to make the user experience feel authentic. The structure and flow of the application are based on how actual antivirus programs work, allowing users to navigate the system intuitively and simulate tasks such as initiating scans or reviewing threat reports.

The project was inspired by a growing interest in cybersecurity and the developer's desire to apply front-end skills to a domain that is both meaningful and widely relevant. In addition, the simulation encourages users—especially students and aspiring developers—to explore how security tools are designed and what makes them user-friendly and effective.

Another key motivation behind developing **Kylone Antivirus** is its value as a learning and demonstration tool. It allows front-end developers to experiment with responsive layouts, conditional rendering, interactive buttons, modal windows, alert messages, and progress bars. Such features not only enhance technical proficiency but also offer a real-world application of programming concepts, ultimately strengthening the developer’s portfolio.

In conclusion, **Kylone Antivirus** is more than just a UI prototype. It is an intersection of technology, design, and cybersecurity education, developed to simulate the front-end experience of a security application. It serves as a stepping stone toward more advanced web applications and encourages the fusion of visual design with socially important software themes.

Methodology:

Effective planning and the use of proper design tools are crucial to the successful development of any software project. For the Kylone Antivirus front-end simulation project, the planning and design phase played a key role in ensuring the application was user-friendly, visually appealing, and functionally accurate from a simulation standpoint. This section elaborates on the planning strategies and tools used during the design phase, spread across four primary stages: conceptualization, wireframing, prototyping, and development.

1. Conceptualization and Requirements Analysis.

The first phase in developing the Kylone Antivirus project involved conceptualizing the idea and analyzing the requirements. Since this was a simulation of an antivirus tool, the objective was to identify which core functionalities and UI elements an antivirus application typically features. This involved researching leading antivirus software such as Avast, Norton, Kaspersky, and Windows Defender.

Key insights from this research included:

- Antivirus software generally has a dashboard with system status.

- Scan types include Quick Scan, Full Scan, and Custom Scan.

- Users must be able to view scan history and detected threats.

- Real-time protection and update features are prominently displayed.

Based on this, a list of requirements was created for the Kylone Antivirus simulation:

- Simulated scan buttons and options.

- Dashboard with system health indicators.

- Threat log simulation.

- A visually appealing user interface with responsive layout.

2. Wireframing and Pen-Paper Sketches

Once the requirements were finalized, the next step was to sketch the layout of the interface. Wireframes serve as blueprints for the UI and help developers visualize the placement of elements before beginning the actual design process.

Pen and Paper Sketches: Initial ideas were sketched on paper to quickly brainstorm the interface. This included rough layouts of the navigation sidebar, top menu, main dashboard area, and pop-up windows for scans and threat alerts.

Balsamiq Wireframes: Balsamiq is a low-fidelity wireframing tool that was used to digitize the sketches. Balsamiq helped define the positioning of UI components and ensured alignment with the user journey identified during the conceptualization phase.

The wireframes created provided a clear visual guide and prevented any unnecessary complexity in later development stages.

3. Prototyping Using Figma

After wireframing, high-fidelity prototyping was carried out using **Figma**. Figma is a powerful cloud-based design tool that allows for detailed UI creation, component management, and interactive mockups.

Figma was chosen for several reasons:

- Real-time collaboration.

- Ability to create reusable components such as buttons, cards, and modals.

- Interactive linking between different pages and components.

- Ease of exporting design specifications for implementation.

The Figma prototype helped visualize:

- The color scheme (shades of blue, green, and white to represent trust and cleanliness).

- Typography selection for readability and aesthetics.

- Component states (hover, active, disabled).

- Transition animations between scan progress and alert states.

This step made it easier to refine the user experience (UX) before any code was written.

4. Development Tools and Implementation Planning

With the finalized designs in place, a development plan was drafted. This included selecting tools, organizing the folder structure, and breaking down tasks into manageable milestones.

Front-End Tools:

HTML5: For creating the structure of the web application.

CSS3: For styling, layout, and responsiveness.

JavaScript (Vanilla JS): To add interactivity, such as scan initiation, progress animation, and simulated threat detection.

Additional Tools:

Visual Studio Code: The primary code editor used for writing and testing the application.

Git & GitHub: Used for version control and source code management.

Google Fonts & Font Awesome: For UI enhancement using custom fonts and icons.

Planning Tools:

Trello: Used to manage the development tasks and timelines. Cards were created for each major UI component (e.g., Dashboard, Scan Section, Threat Logs) and moved through stages: To Do, In Progress, and Completed.

Notion: Employed for documentation and tracking feature requests or bugs during development.

Development Milestones:

- Set up basic project structure with folders for `css/`, `js/`, and `images/`.

- Create the main layout: header, sidebar, and content section.

- Develop scan simulation module.

- Implement visual feedback for scans and system status.

- Add threat log simulation and update components.

This approach ensured the development was systematic, goal-oriented, and aligned with the prototype.

Conclusion

The planning and design phase was instrumental in the successful development of the Kylone Antivirus front-end simulation. By combining traditional sketching methods with digital design tools like Balsamiq and Figma, and organizing tasks using project management tools like Trello and Notion, the project maintained clarity and focus throughout the design and development lifecycle. The use of these tools not only streamlined the workflow but also ensured that the final product was polished, user-friendly, and true to its concept. This comprehensive planning approach serves as a model for future front-end development projects involving simulation or conceptual applications.

HTML Structure of Kylone Antivirus:

The HTML (HyperText Markup Language) structure forms the foundational backbone of the Kylone Antivirus website. It establishes the semantic framework that organizes the content and user interface elements, ensuring both functionality and

accessibility. The structure follows modern HTML5 standards, making the website lightweight, responsive, and easy to maintain.

At the highest level, the document begins with the <!DOCTYPE html> declaration, which defines the document type and HTML version. The root <html> tag wraps all the content, followed by the <head> and <body> sections. The <head> contains metadata such as the page title, links to external stylesheets, favicons, and responsive design meta tags (<meta name="viewport">), ensuring cross-device compatibility.

Within the <body>, the layout is logically divided into several key sections:

1. **Header** (**<header>**)**:** This segment houses the website's branding, such as the Kylone Antivirus logo and the primary navigation menu. The navigation is created using an unordered list inside a <nav> element for semantic clarity and better accessibility.
2. **Hero Section (<section class="hero">)**: Positioned directly below the header, this full-width section captures user attention with a prominent title, subtitle, and a call-to-action button like "Download Now." It is designed to give users an immediate understanding of the antivirus product's value proposition.
3. **Features Section (<section class="features">)**: This part outlines the main features of the Kylone Antivirus software. It uses a flexible grid layout with individual blocks representing different features, each containing icons, titles, and brief descriptions.
4. **About Section (<section class="about">)**: This includes a brief overview of the project's background and purpose. It typically combines text content with an illustrative image or animation to enhance engagement.
5. **Screenshots Section (<section class="screenshots">)**: To showcase the user interface, this section embeds static screenshots inside styled elements. These are wrapped in <figure> and <img> tags with accompanying <figcaption> for context.
6. **Contact Section (<section class="contact">)**: This section offers basic contact details or a form for users to submit inquiries. Input fields are created using <form>, <input>, and <textarea> elements with appropriate labels.
7. **Footer (<footer>)**: The footer contains copyright information, quick links, and possibly social media icons.

The HTML structure is built with accessibility and SEO in mind, using semantic tags like <main>, <article>, <section>, and <aside>. Alt attributes are added to all images for screen readers. Overall, this clean and modular structure ensures easy maintenance and smooth integration with CSS and JavaScript.

CSS Styling in Kylone Antivirus:

The CSS (Cascading Style Sheets) in the Kylone Antivirus project plays a pivotal role in transforming the raw HTML structure into a visually appealing, responsive, and user-friendly interface. The styling is written using clean and modular CSS code, adhering to modern web design standards. The layout, typography, color schemes, buttons, and animations are all carefully styled to create a consistent and professional look throughout the website.

1. Base Styling and Reset

The stylesheet begins with a CSS reset using the universal selector (*) to eliminate default browser paddings, margins, and box-sizing inconsistencies. This ensures uniform rendering across different browsers. A consistent base font family (e.g., Roboto or Arial) is applied to the body element, along with a light background color to maintain readability.

```
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}
body {
  font-family: 'Segoe UI', sans-serif;
  background-color: #f9f9f9;
  color: #333;
}
```

2. Layout and Positioning

CSS Flexbox and Grid systems are used for layout and alignment. The header navigation, feature grid, and screenshot gallery utilize Flexbox to align elements responsively. The entire layout adapts fluidly across various screen sizes using media queries, ensuring the website is mobile-friendly.

```
.header {
  display: flex;
  justify-content: space-between;
  align-items: center;
}
```

3. Colour Scheme and Branding

The primary color scheme revolves around shades of blue and green, representing trust, security, and technology—core themes for an antivirus brand. Accent colors are used for call-to-action buttons and hover effects, maintaining a balance between visual engagement and clarity.

```
button {
  background-color: #0088cc;
  color: white;
  padding: 10px 20px;
  border: none;
  border-radius: 6px;
  cursor: pointer;
}
```

4. Typography and Spacing

Consistent heading styles (h1 through h4) and paragraph text are styled with appropriate font sizes, weights, and line spacing to ensure readability. Margins and paddings are used to provide visual breathing room and structured content flow.

```
h1 {
  font-size: 2.5rem;
  font-weight: bold;
  margin-bottom: 20px;
}
```

5. Interactive Elements and Hover Effect:

Interactive elements such as navigation links and buttons include subtle hover effects using transitions and color changes to enhance user experience.

```
a:hover, button:hover {
  background-color: #005f88;
  transition: 0.3s ease;
}
```

6. Responsiveness

Media queries are used to make the design responsive. Layout adjustments are triggered at breakpoints (e.g., 768px and 1024px) to stack content vertically on smaller screens and enhance mobile usability.

```
@media (max-width: 768px) {
  .features {
    flex-direction: column;
  }
}
```

The CSS for Kylone Antivirus ensures that the website not only looks modern and attractive but also functions efficiently across devices and screen sizes, delivering a smooth and intuitive user experience.

JavaScript Integration in Kylone Antivirus:

JavaScript is the core enabler of interactivity and dynamic behavior in the Kylone Antivirus project. While HTML provides the structure and CSS handles the appearance, JavaScript brings the interface to life by handling user interactions, data validation, DOM manipulation, and responsive behaviors. Its inclusion adds depth and functionality, making the website feel more like an application than a static page.

1. Navigation Interactive

JavaScript is used to add interactivity to the navigation menu. For example, on smaller devices, the navigation collapses into a mobile-friendly hamburger menu. A JavaScript toggle function allows users to expand or collapse the menu by clicking the icon, improving usability on smartphones and tablets.

```
const toggleMenu = () => {

  document.getElementById('nav-menu').classList.toggle('active');

}
```

2.Feature Highlights and Animations

To improve the visual appeal and user engagement, JavaScript is used to animate features as the user scrolls. For instance, **IntersectionObserver** is implemented to detect when a section enters the viewport, triggering animations like fade-ins or slide-ups.

```
const observer = new IntersectionObserver(entries => {

  entries.forEach(entry => {

    if(entry.isIntersecting){

      entry.target.classList.add('animate');

    }

  });

});
```

3. Validation and User Feedback

A key interactive component of the site is the feedback/contact form. JavaScript is used to validate user inputs in real time, ensuring that required fields are filled and data formats (like email) are correct before submission. Error messages are displayed dynamically, and form submission is prevented until all fields are valid.

```
function validateForm() {

  let email = document.getElementById("email").value;
```

```
  if (!email.includes("@")) {
    alert("Please enter a valid email address.");
    return false;
  }
  return true;
}
```

4. Dynamic contentloading

Although the Kylone Antivirus project is a static single-page website, JavaScript simulates dynamic behavior by showing or hiding content sections based on user actions. For example, clicking on a "View Screenshots" button may display a previously hidden image gallery using style.display = 'block'.

5. User Expirience Enhance

JavaScript is also used to improve user experience through features like:

- Smooth scrolling for internal anchor links
- Scroll-to-top button functionality
- Timed notifications or confirmation popups
- Dark mode toggle (optional enhancement)

```
document.getElementById("scrollBtn").addEventListener("click", () => {
    window.scrollTo({ top: 0, behavior: 'smooth' });
});
```

In summary, JavaScript integration transforms the Kylone Antivirus site from a basic web page into a dynamic and user-friendly interface. It enhances both usability and aesthetic appeal while supporting responsive behaviors, making the project feel polished and interactive.

HTML (Hero Section):

```
<section id="hero">
  <h1>Protect Your Digital World with Kylone</h1>
  <p>Advanced Antivirus Protection for Modern Threats</p>
  <a href="#features" class="btn">Explore Features</a>
</section>
```

CSS (Hero Styling):

```
#hero {
  background: url('hero-bg.jpg') no-repeat center center/cover;
  color: white;
  padding: 100px 20px;
  text-align: center;
}
.btn {
  background-color: #0077FF;
  padding: 10px 25px;
  border-radius: 5px;
  color: #fff;
  transition: 0.3s;
}
.btn:hover {
```

```
  background-color: #005bb5;
}
```

HTML (Contact Form):

```
<form id="contact-form">
  <input type="text" placeholder="Your Name" required />
  <input type="email" placeholder="Your Email" required />
  <textarea placeholder="Your Message"></textarea>
  <button type="submit">Send</button>
</form>
```

Responsive Design (Media Queries):

```
@media (max-width: 768px) {
  .hero-text {
    font-size: 1.5rem;
  }
  nav ul {
    flex-direction: column;
    gap: 10px;
  }
}
```

HTML Code(Full code):

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Kylone Anti-Virus</title>
<link rel="stylesheet" href="style.css">
</head>
<body>
<div class="main">
<div class="navbar">
<div class="icon">
<h2 class="logo">KYLONE</h2>
</div>
<div class="menu">
<ul>
<li><a href="#">HOME</a></li>
<li><a href="#">ABOUT</a></li>
<li><a href="#">SERVICE</a></li>
<li><a href="#">CONTACT</a></li>
</ul>
</div>
<div class="search">
<input class="srch" type="search" name="" placeholder="Type to Search">
<a href="#"> <button class="btn">Search</button></a>
</div>
```

```
</div>

<div class="content">

<h1>Anti-Virus &<br><span>Real-Time Scanner</span></h1>

<p class="par">Protect your digital world with our trusted and reliable antivirus software,

providing <br> expert defense against malware, viruses, cyber threats, and online vulnerabilities,

ensuring <br> a safer and more secure online experience for individuals and businesses alike.</p>

<button class="cn"><a href="#">Download</a></button>

<div class="form">

<h2>Login Here</h2>

<input type="email" name="email" placeholder="Enter Email Here">

<input type="password" name="" placeholder="Enter Password Here">

<button class="btnn"><a href="#">Login</a></button>

<p class="link">Don't have an account<br>

<a href="#">Sign up </a> here</a></p>

<p class="liw">Log in with</p>

<div class="icons">

<a href="https://www.facebook.com"target="_blank"><ion-icon name="logo-facebook"></ion-icon></a>

<a href="https://www.instagram.com"target="_blank"><ion-icon name="logo-instagram"></ion-icon></a>

<a href="https://x.com"target="_blank"><ion-icon name="logo-Twitter"></ion-icon></a>

<a href="https://www.google.co.in"target="_blank"><ion-icon name="logo-google"></ion-icon></a>

<a href="https://www.skype.com/en"target="_blank"><ion-icon name="logo-skype"></ion-icon></a>

</div>
```

```
</div>

</div>

</div>

</div>

</div>

<hr>

<script src="https://unpkg.com/ionicons@5.4.0/dist/ionicons.js"></script>

<style>

body {

height: 100vh;

margin: 0;

background: linear-gradient(to right, rgb(195, 55, 100), rgb(29, 38, 113));

color: white;

font-family: Arial, sans-serif;

}

</style>

<div style="max-width: 1000px; margin: 40px auto; padding: 0 20px; display: flex; align-items: center; gap: 40px;">

<div style="flex: 0 0 60%;">

<style>

body {

font-family: "Times New Roman", Times, serif;

}

</style>

<h1 style="color:rgb(255, 145, 0, 0.993);">About us:</h1>

<style>
```

```
p {

text-indent: 50px;

}

</style>

<p style="font-size: 24px; line-height: 1.5;">

Kylone Antivirus is a lightweight, powerful security solution

designed to protect your devices from viruses, malware, and online threats. With real-time

protection and smart threat detection, we keep your data safe without slowing you down. Fast, secure,

and easy to use — Kylone is your digital shield.</p>

</div>

<div style="flex: 0 0 40%; text-align: center;">

<img src="about1.jpg" alt="Kylone Antivirus" style="max-width: 100%; height: auto; border-radius: 8px;">

</div>

</div>

<hr>

<div style="max-width: 1000px; margin: 40px auto; padding: 0 20px; display: flex; align-items: center; gap: 40px;">

<div style="flex: 0 0 60%;">

<style> body {

font-family: "Times New Roman", Times, serif;

}

</style>

<h1 style="color:rgba(255, 145, 0, 0.993);">Service:</h1>

<p style="font-size: 24px; line-height: 1.5;">
```

Kylone Antivirus offers real-time virus protection that continuously monitors and blocks viruses and malware to keep your device safe.

It features smart threat detection, allowing it to quickly identify and neutralize emerging online threats. Designed to be lightweight

and fast, Kylone protects your device without affecting its performance. The antivirus has a user-friendly interface, making it easy for

anyone to install and use. Additionally, it provides regular updates to ensure protection against the latest security threats.

<img src="service1.jpg" alt="Kylone Antivirus" style="max-width: 100%; height: auto; border-radius: 8px;">

<hr>

<style> body {

font-family: "Times New Roman", Times, serif;

}

</style>

<h1 style="color:rgb(255, 145, 0, 0.993);">Contact:</h1>

You can reach out to us anytime for support or inquiries. Email us at support@kyloneantivirus.com or call us at +1-800-123-4567.

Follow us on social media for updates and tips on staying secure online. We're here to help you 24/7.

```
</div>

<div style="flex: 0 0 40%; text-align: center;">

<img src="contact.jpg" alt="Kylone Antivirus" style="max-width: 100%; height: auto;
border-radius: 8px;">

</div>

</div>

</section>

<hr>

<center><h1 style="color:rgb(255, 145, 0, 0.993);">Solutions that we
provide:</h1></center>

<marquee behavior="scroll" direction="left" scrollamount="5" onmouseover="this.stop();"
onmouseout="this.start();">

<div style="display:inline-block; text-align:center; margin-right:20px;">

<a href="https://en.wikipedia.org/wiki/Malware"target="_blank"><img src="malware2.png"
width="200"><br><span style="color:white;">We provide powerful malware
<br>protection to keep your <br>device safe from harmful <br>software,
ensuring top-level <br>security at all times.</span>

</div>

<div style="display:inline-block; text-align:center; margin-right:20px;">

<a href="https://www.sciencedirect.com/topics/computer-science/real-time-
protection"target="_blank"><img src="real.png" width="200"><br><span
style="color:white;">We offer advanced real-time <br>virus detection to
instantly <br>block threats and keep your <br>device fully protected
<br>at all times.</span>

</div>

<div style="display:inline-block; text-align:center; margin-right:20px;">

<a href="https://www.cisco.com/site/us/en/learn/topics/security/what-is-
ransomware.html"target="_blank"><img src="rans.png" width="200"><br><span
style="color:white;">Ransomware defense gives <br>the best protection by
<br>detecting, blocking, and <br>removing threats <br>before they lock
your file.</span>

</div>
```

<a href="https://en.wikipedia.org/wiki/Anti-phishing_software"target="_blank"><img src="anti.png" width="200">
Anti-phishing filters protect
you by blocking fake websites
and emails that try to steal
your info, keeping your
data safe.

<a href="https://en.wikipedia.org/wiki/Firewall_(computing)"target="_blank"><img src="fire.png" width="200">
Firewall security gives the
best protection by monitoring
and blocking unauthorized access,
keeping your network safe
from hackers and threats.

<a href="https://www.geeksforgeeks.org/web-security-considerations/"target="_blank"><img src="web.png" width="200">
We provide top-level web
safety to block harmful
sites and keep your
online experience
secure and worry-free.

</marquee>

<hr>

<h2 style="text-align: center; color: #00ffd5;">Kylone Antivirus Plans Comparison</h2>

<table style="width: 100%; border-collapse: collapse; margin-top: 20px; background-color: #222;">

<thead>

<tr style="background-color: #00ffd5; color: #000;">

<th style="padding: 12px; border: 1px solid #444;">Feature</th>

<th style="padding: 12px; border: 1px solid #444;">Free Plan</th>

<th style="padding: 12px; border: 1px solid #444;">Pro Plan</th>

```
<th style="padding: 12px; border: 1px solid #444;">Enterprise Plan</th>
</tr>
</thead>
<tbody>
<tr style="background-color: #333;">
<td style="padding: 10px; border: 1px solid #444;">Virus Scan</td>
<td style="text-align: center;">✅</td>
<td style="text-align: center;">✅</td>
<td style="text-align: center;">✅</td>
</tr>
<tr style="background-color: #333;">
<td style="padding: 10px; border: 1px solid #444;">Automatic Updates</td>
<td style="text-align: center;">✅</td>
<td style="text-align: center;">✅</td>
<td style="text-align: center;">✅</td>
</tr>
<tr>
<td style="padding: 10px; border: 1px solid #444;">Real-Time Protection</td>
<td style="text-align: center;">❌</td>
<td style="text-align: center;">✅</td>
<td style="text-align: center;">✅</td>
</tr>
<tr>
<td style="padding: 10px; border: 1px solid #444;">Malware Protection</td>
<td style="text-align: center;">❌</td>
```

<td style="text-align: center;">✓</td>

<td style="text-align: center;">✓</td>

</tr>

<tr>

<td style="padding: 10px; border: 1px solid #444;">Firewall Integration</td>

<td style="text-align: center;">✗</td>

<td style="text-align: center;">✓</td>

<td style="text-align: center;">✓</td>

</tr>

<tr style="background-color: #333;">

<td style="padding: 10px; border: 1px solid #444;">Cloud-Based Scanning</td>

<td style="text-align: center;">✗</td>

<td style="text-align: center;">✗</td>

<td style="text-align: center;">✓</td>

</tr>

<tr style="background-color: #333;">

<td style="padding: 10px; border: 1px solid #444;">Web Protection</td>

<td style="text-align: center;">✗</td>

<td style="text-align: center;">✗</td>

<td style="text-align: center;">✓</td>

</tr>

<tr>

<td style="padding: 10px; border: 1px solid #444;">Support</td>

<td style="text-align: center;">Email Only</td>

<td style="text-align: center;">24/7 Chat</td>

<td style="text-align: center;">Dedicated Manager</td>

</tr>

</tbody>

</table>

<hr>

<footer class="text-white py-3" style="background-color: black; display: flex; justify-content: space-between; align-items: center; padding: 20px; color: white; flex-wrap: wrap;">

<img src="web logo.png" alt="Kylone Antivirus" style="max-width: 100px; height: auto 90px;; border-radius: 8%;">

<h1 style="margin: 10px 0 0 0;">KYLONE</h1>

 Email: support@kyloneantivirus.com

 Phone: +91 73881 56231

 Follow us:

Facebook |

Twitter |

```
<a href="https://instagram.com" target="_blank" style="color: white; margin: 0
5px;">Instagram</a>

</p>

</div>

</footer>

<div style="background-color: black; color: white; text-align: center; padding: 10px;">

&copy; 2025 Kylone. All rights reserved.

</div>

</style>

</body>

</html>
```

CSS Code(Full code):

```
*{

margin: 0;

padding: 0;

}

.main{

width: 100%;

background: linear-gradient(to top, rgba(0,0,0,0.5)50%,rgba(0,0,0,0.5)50%), url(a.jpg);

background-position: center;

background-size: cover;

height: 100vh;

}

.navbar{
```

```
width: 1200px;
height: 75px;
margin: auto;
}
.icon{
width: 200px;
float: left;
height: 70px;
}
.logo{
color: #ff7200;
font-size: 35px;
font-family: Arial;
padding-left: 20px;
float: left;
padding-top: 10px;
margin-top: 5px
}
.menu{
width: 400px;
float: left;
height: 70px;
}
ul{
float: left;
```

```
display: flex;
justify-content: center;
align-items: center;
}
ul li{
list-style: none;
margin-left: 62px;
margin-top: 27px;
font-size: 14px;
}
ul li a{
text-decoration: none;
color: #fff;
font-family: Arial;
font-weight: bold;
transition: 0.4s ease-in-out;
}
ul li a:hover{
color: #ff7200;
}
.search{
width: 330px;
float: left;
margin-left: 270px;
}
```

```
.srch{
font-family: 'Times New Roman';
width: 200px;
height: 40px;
background: transparent;
border: 1px solid #ff7200;
margin-top: 13px;
color: #fff;
border-right: none;
font-size: 16px;
float: left;
padding: 10px;
border-bottom-left-radius: 5px;
border-top-left-radius: 5px;
}
.btn{
width: 100px;
height: 40px;
background: #ff7200;
border: 2px solid #ff7200;
margin-top: 13px;
color: #fff;
font-size: 15px;
border-bottom-right-radius: 5px;
border-bottom-right-radius: 5px;
```

```
transition: 0.2s ease;
cursor: pointer;
}
.btn:hover{
color: #000;
}
.btn:focus{
outline: none;
}
.srch:focus{
outline: none;
}
.content{
width: 1200px;
height: auto;
margin: auto;
color: #fff;
position: relative;
}
.content .par{
padding-left: 20px;
padding-bottom: 25px;
font-family: Arial;
letter-spacing: 1.2px;
line-height: 30px;
```

```
}
.content h1{
font-family: 'Times New Roman';
font-size: 50px;
padding-left: 20px;
margin-top: 9%;
letter-spacing: 2px;
}
.content .cn{
width: 160px;
height: 40px;
background: #ff7200;
border: none;
margin-bottom: 10px;
margin-left: 20px;
font-size: 18px;
border-radius: 10px;
cursor: pointer;
transition: .4s ease;
}
.content .cn a{
text-decoration: none;
color: #000;
transition: .3s ease;
}
```

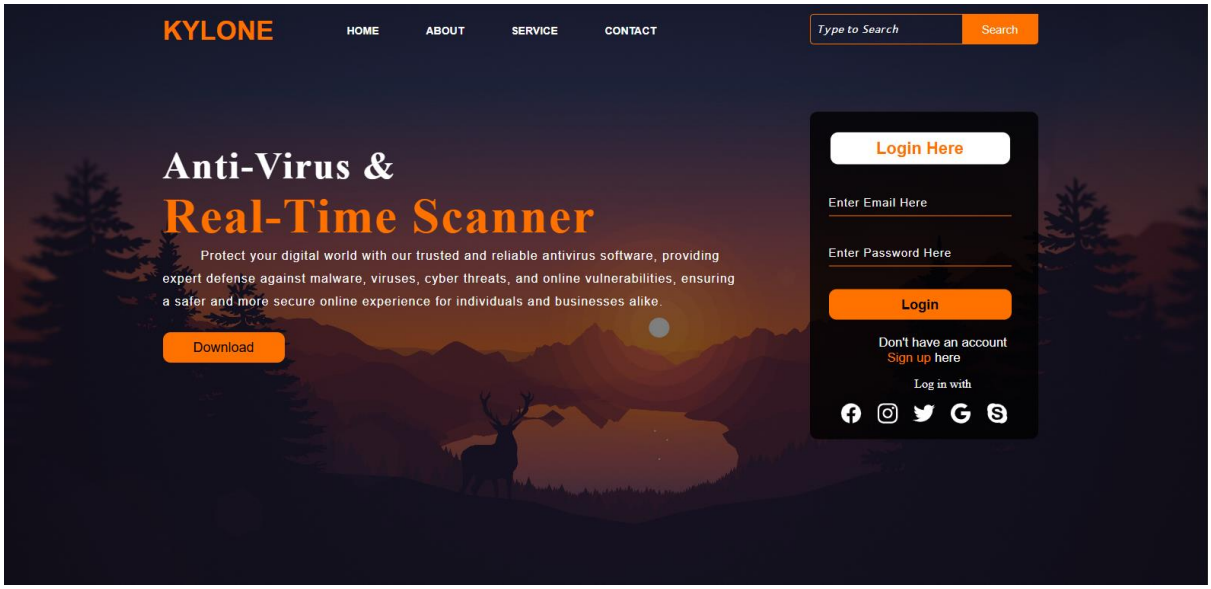
```
.cn:hover{
background-color: #fff;
}
.content span{
color: #ff7200;
font-size: 65px
}
.form{
width: 250px;
height: 380px;
background: linear-gradient(to top, rgba(0,0,0,0.8)50%,rgba(0,0,0,0.8)50%);
position: absolute;
top: -20px;
left: 870px;
transform: translate(0%,-5%);
border-radius: 10px;
padding: 25px;
}
.form h2{
width: 220px;
font-family: sans-serif;
text-align: center;
color: #ff7200;
font-size: 22px;
background-color: #fff;
```

```
border-radius: 10px;
margin: 2px;
padding: 8px;
}
.form input{
width: 240px;
height: 35px;
background: transparent;
border-bottom: 1px solid #ff7200;
border-top: none;
border-right: none;
border-left: none;
color: #fff;
font-size: 15px;
letter-spacing: 1px;
margin-top: 30px;
font-family: sans-serif;
}
.form input:focus{
outline: none;
}
::placeholder{
color: #fff;
font-family: Arial;
}
```

```
.btnn{
width: 240px;
height: 40px;
background: #ff7200;
border: none;
margin-top: 30px;
font-size: 18px;
border-radius: 10px;
cursor: pointer;
color: #fff;
transition: 0.4s ease;
}
.btnn:hover{
background: #fff;
color: #ff7200;
}
.btnn a{
text-decoration: none;
color: #000;
font-weight: bold;
}
.form .link{
font-family: Arial, Helvetica, sans-serif;
font-size: 17px;
padding-top: 20px;
```

```
text-align: center;
}
.form .link a{
text-decoration: none;
color: #ff7200;
}
.liw{
padding-top: 15px;
padding-bottom: 10px;
text-align: center;
}
.icons a{
text-decoration: none;
color: #fff;
}
.icons ion-icon{
color: #fff;
font-size: 30px;
padding-left: 14px;
padding-top: 5px;
transition: 0.3s ease;
}
.icons ion-icon:hover{
color: #ff7200;
}
```

Full Home Page Screenshot:



the latest security threats.

Contact:

You can reach out to us anytime for support or inquiries. Email us at support@kyloneantivirus.com or call us at +1-800-123-4567. Follow us on social media for updates and tips on staying secure online. We're here to help you 24/7.

Solutions that we provide:

We provide powerful malware protection to keep your device safe from harmful software, ensuring top-level security at all times.

We offer advanced real-time virus detection to instantly block threats and keep your device fully protected at all times.

Ransomware defense gives the best protection by detecting, blocking, and removing threats before they lock your file.

Anti-phishing filters protect you by blocking fake websites and emails that try to steal your info, keeping your data safe.

Firewall security gives the best protection by monitoring and blocking unauthorized access, keeping your network safe from hackers and threats.

safety to block harmful sites and keep your online experience secure and worry-free.

Kylone Antivirus Plans Comparison

Feature	Free Plan	Pro Plan	Enterprise Plan
Virus Scan	✓	✓	✓
Automatic Updates	✓	✓	✓
Real-Time Protection	✗	✓	✓
Malware Protection	✗	✓	✓
Firewall Integration	✗	✓	✓
Cloud-Based Scanning	✗	✗	✓
Web Protection	✗	✗	✓
Support	Email Only	24/7 Chat	Dedicated Manager

KYLONE

Email: support@kyloneantivirus.com
Phone: +91 73881 56231
Follow us: Facebook | Twitter | Instagram

About & Features Sections:

About us:

Kylone Antivirus is a lightweight, powerful security solution designed to protect your devices from viruses, malware, and online threats. With real-time protection and smart threat detection, we keep your data safe without slowing you down. Fast, secure, and easy to use — Kylone is your digital shield.

Service:

Kylone Antivirus offers real-time virus protection that continuously monitors and blocks viruses and malware to keep your device safe. It features smart threat detection, allowing it to quickly identify and neutralize emerging online threats. Designed to be lightweight and fast, Kylone protects your device without affecting its

the latest security threats.

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You can reach out to us anytime for support or inquiries. Email us at support@kyloneantivirus.com or call us at +1-800-123-4567. Follow us on social media for updates and tips on staying secure online. We're here to help you 24/7.

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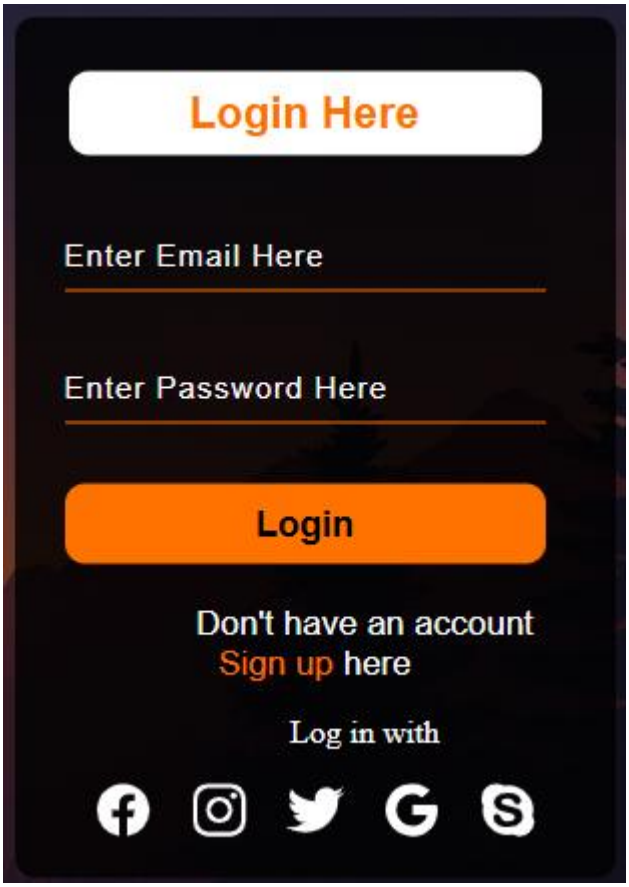
Contact Section:

Login Section:



Search Bar:

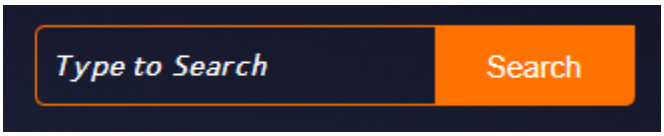
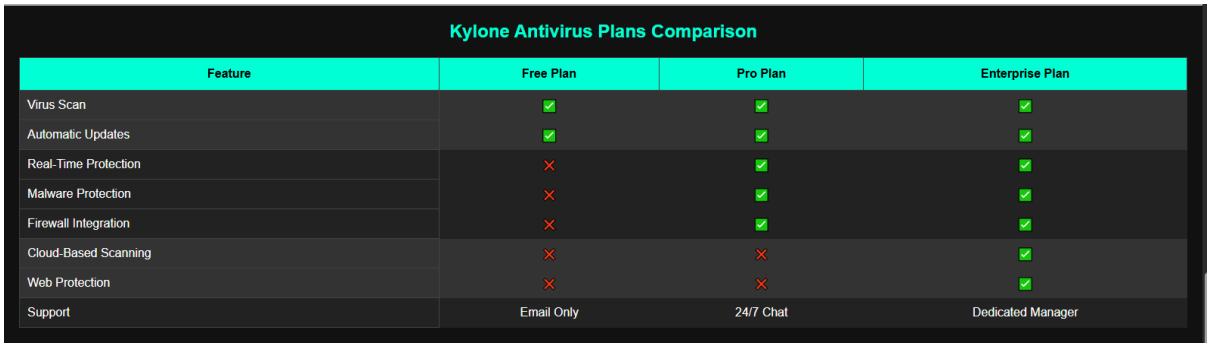


Table section:



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Firewall Integration	✗	✓	✓
Cloud-Based Scanning	✗	✗	✓
Web Protection	✗	✗	✓
Support	Email Only	24/7 Chat	Dedicated Manager

Conclution:

The Kylone Antivirus website demonstrates a complete front-end development workflow—from ideation to deployment. It highlights practical skills in responsive web design, clean UI development, and code structuring. Though the antivirus functionality is fictional, the front-end execution mirrors real industry project requirements. This project serves as a strong portfolio piece and a learning milestone for professional web development.