HOME

1. Purpose of the ◦ home.html File

- **Purpose:**
    - This file serves as the **homepage** for the "Burger Queen" website.
    - It provides navigation links, store locations, best-seller menu items, an "About Us" section, and memorable moments to engage users.

2. Key Sections of the Code

HTML Boilerplate

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="Interface.css">
    <link href="https://fonts.googleapis.com/css2?family=Birthstone&display=swap" rel="stylesheet">
    <title>Burger Queen</title>
</head>
<body>
```

- **Definition:**
    - The boilerplate is the basic structure of an HTML document.
    - It includes the `<!DOCTYPE html>` declaration, `<html>` tag, `<head>` section, and `<body>` section.
- **Functions:**
    - `<!DOCTYPE html>`: Declares the document as HTML5.
    - `<html>`: The root element that contains all the content of the webpage.
    - `<head>`: Contains metadata, links to stylesheets, and the page title.
    - `<body>`: Contains the visible content of the webpage.

Navigation Bar

```html
<ul>
  <li id="login"><a href="Login.html">Login</a></li>
  <li><a href="Signup.html">Sign Up</a></li>
  <li><a href="Menu.html">Menu</a></li>
  <li><a href="Home.html">Home</a></li>
  <li><a id="logo"><img src="PICS/Burger Queen.png"></a></li>
</ul>
```

- **Definition:**
    - The navigation bar is a list of links that allows users to navigate between different pages of the website.
- **Functions:**
    - `<ul>`: Creates an unordered list.
    - `<li>`: Defines each list item.
    - `<a>`: Creates hyperlinks to other pages (e.g., `Login.html`, `Signup.html`).
    - `<img>`: Displays the logo image.

Store Locations Section

```html
<section>
    <h2>Visit Any of Our Locations</h2>
    <p>PUERTO | LAPASAN | VILLANUEVA | GUSA</p>
    <div id="googleMap">
        <iframe src="https://www.google.com/maps/embed?..."></iframe>
    </div>
</section>
```

- **Definition:**
  - This section displays the store locations and embeds a Google Map.
- **Functions:**
  - `<section>` : Groups related content together.
  - `<h2>` : Displays a heading for the section.
  - `<p>` : Displays a paragraph of text.
  - `<iframe>` : Embeds the Google Map to show the store's location.

Best-Seller Menu Section

```html
<section>
    <h1 id="h1-text-home">BEST SELLER</h1>
    <div class="menu-items">
        <div class="menu-item">
            <img src="PICS/Chicken Burger.jpg" alt="">
            <h3>Chicken Burger</h3>
            <p>Chicken Burger is no exception...</p>
        </div>
    </div>
</section>
```

- **Definition:**
  - This section highlights the restaurant's best-selling menu items.
- **Functions:**
  - `<h1>` : Displays the main heading for the section.
  - `<div>` : Groups related content (e.g., menu items).
  - `<img>` : Displays an image of the menu item.
  - `<h3>` : Displays the name of the menu item.
  - `<p>` : Provides a description of the menu item.

About Us Section

```html
<section>
    <div class="about-us">
        <h1>ABOUT US</h1>
        <h4>Main Store</h4>
        <p>Zone 6 Brgy Puerto, Cagayan de Oro...</p>
        <input type="button" value="Menu" onclick="location.href='Menu.html'">
        <img src="PICS/Double Cheesy.jpg" alt="">
    </div>
</section>
```

- **Definition:**
  - This section provides information about the restaurant, including its location, contact details, and a button to view the menu.
- **Functions:**
  - `<h4>` : Displays subheadings for the section.
  - `<input type="button">` : Creates a button that redirects to the menu page.
  - `<img>` : Displays an image related to the restaurant.

Burger Queen Moments Section

```html
<section>
    <h1 id="h1-text-home">Burger Queen Moments</h1>
    <div class="moments">
        <div class="moments-desc">
            <img src="PICS/Moments3.webp" alt="">
            <h3>Core Memory of Burger Queen</h3>
            <p>In Burger Queen you will enjoy...</p>
        </div>
    </div>
</section>
```

- **Definition:**
  - This section showcases memorable moments at Burger Queen.
- **Functions:**
  - `<h3>`: Displays a subheading for each moment.
  - `<p>`: Provides a description of the moment.
  - `<img>`: Displays an image of the moment.

Footer

```html
<footer class="footer">
    <p>&copy; 2025 Burger Queen All Rights Reserved.</p>
</footer>
```

- **Definition:**
  - The footer is the section at the bottom of the page that provides copyright information.
- **Functions:**
  - `<footer>`: Defines the footer section.
  - `<p>`: Displays the copyright text.

General Questions

1. **What is the purpose of this `o home.html` file?**
   - *Answer*: "This file serves as the homepage for the 'Burger Queen' website. It provides navigation links, store locations, best-seller menu items, an 'About Us' section, and memorable moments to engage users."
2. **How does this page ensure responsiveness?**
   - *Answer*: "The `<meta name="viewport" content="width=device-width, initial-scale=1.0">` tag ensures the page is responsive by adjusting its layout to fit different screen sizes, such as mobile, tablet, and desktop."
3. **What is the purpose of linking external CSS and Google Fonts?**
   - *Answer*: "The external CSS (`Interface.css`) is used to style the page, while Google Fonts enhance the typography, making the website visually appealing and consistent with the brand."

Navigation Bar Questions

4. **What is the purpose of the navigation bar?**
   - *Answer*: "The navigation bar provides links to other pages, such as Login, Sign Up, Menu, and Home, allowing users to navigate the website easily."
5. **Why is the logo included in the navigation bar?**
   - *Answer*: "The logo serves as a branding element, making the website recognizable and professional."
6. **What happens if the linked pages (e.g., `Login.html`, `Signup.html`) are missing?**
   - *Answer*: "If the linked pages are missing, clicking the links will result in a '404 Not Found' error. To avoid this, we ensure all linked pages exist and are functional."

Store Locations Section Questions

7. **What is the purpose of the embedded Google Map?**
   - *Answer*: "The embedded Google Map helps users locate the main store easily, improving the user experience."
8. **What happens if the Google Map fails to load?**
   - *Answer*: "If the map fails to load due to a slow internet connection or incorrect link, the user will see a blank space. We can improve this by adding a fallback message or ensuring the map link is correct."

Best-Seller Section Questions

9. **Why are images included for the best-seller items?**
   - *Answer*: "Images make the section visually appealing and help users quickly identify the menu items."
10. **What is the purpose of the descriptions under each menu item?**
    - *Answer*: "The descriptions provide details about the menu items, helping users understand what makes them special and encouraging them to try them."
11. **What happens if an image (e.g., `Chicken Burger.jpg`) is missing?**
    - *Answer*: "If an image is missing, the browser will display a broken image icon. To prevent this, we ensure all images are in the correct directory and use descriptive `alt` attributes for accessibility."

About Us Section Questions

12. **What is the purpose of the 'About Us' section?**
    - *Answer*: "The 'About Us' section provides information about the restaurant, including its main store location, contact details, and email addresses, helping users connect with the business."
13. **What does the 'Menu' button do?**
    - *Answer*: "The 'Menu' button redirects users to the menu page (`Menu.html`) when clicked."
14. **Why is there an image in the 'About Us' section?**
    - *Answer*: "The image enhances the visual appeal of the section and reinforces the branding of the restaurant."

Burger Queen Moments Section Questions

15. **What is the purpose of the 'Burger Queen Moments' section?**
    - *Answer*: "This section showcases memorable moments at Burger Queen, helping to create an emotional connection with users and encouraging them to visit."
16. **Why are headings and descriptions included for each moment?**
    - *Answer*: "The headings and descriptions provide context for the images, making the section more engaging and informative."

Footer Questions

17. **What is the purpose of the footer?**
    - *Answer*: "The footer displays copyright information, ensuring the website complies with intellectual property laws and looks professional."
18. **Why is the year (`2025`) included in the footer?**
    - *Answer*: "The year indicates the copyright's validity, showing that the website is up-to-date."

Technical Questions

19. **How does the page ensure accessibility?**
    - *Answer*: "We use `alt` attributes for images to provide descriptions for visually impaired users and ensure the page is navigable using a keyboard."
20. **What happens if the external CSS file (`Interface.css`) is missing?**
    - *Answer*: "If the CSS file is missing, the page will display without styling, appearing as plain HTML. To prevent this, we ensure the CSS file is in the correct directory."
21. **Why are multiple Google Fonts linked in the `<head>` section?**
    - *Answer*: "Each font is used for different sections of the page to create a unique and visually appealing design."
22. **How does the `<iframe>` tag work for embedding the Google Map?**
    - *Answer*: "The `<iframe>` tag embeds the Google Map into the page, allowing users to view the location directly without leaving the website."

Improvement and Optimization Questions

23. **How can you improve the loading speed of this page?**
    - *Answer*: "We can optimize the images by compressing them, use a content delivery network (CDN) for faster loading, and minimize the CSS and JavaScript files."
24. **What would you add to improve the user experience?**
    - *Answer*: "We could add animations, a search bar, or a contact form to make the page more interactive and user-friendly."
25. **How can you make this page more mobile-friendly?**
    - *Answer*: "We can use media queries in the CSS file to adjust the layout for smaller screens and ensure all elements are responsive."