

# KENYA SCHOOL OF TVET

## ICT Department Web Technologies Assignment Task

*\*Design and Develop a Website for Keki Bora Bakery\**

**Study the following scenario description and answer the questions that follows**

Keki Bora Bakery is a new modern bakery incorporated within the KSTVET Hotel. The bakery is known for its mouth-watering cakes, pastries, and desserts. The bakery has built a loyal customer base over the last two years and has recently decided to create an online presence to reach more customers and allow them to place orders online. You, as a web designer and developer, are assigned to build the website for the bakery. The website must be both attractive and functional, reflecting the warmth and welcoming nature of the bakery.

**The website requirements have been specified as follows:**

**1. Homepage:**

- The homepage should be visually appealing, with a welcoming message and an eye-catching image of the bakery's signature cake.
- It should also feature a navigation bar that links to other important pages like the menu, about, and contact sections.

**2. Navigation Bar:**

- The site should have a clear, easy-to-use navigation bar with links to different sections such as the **Menu**, **Contact Us**, **About Us**, and an option to **Order Online**.

**3. Menu Page:**

- The menu page should display a list of the bakery's most popular items, including cakes, cupcakes, and pastries, in an easy-to-read format. Each item should include a brief description and pricing.
- The menu must be structured in a way that highlights different categories, such as "Cakes," "Cupcakes," and "Specialty Desserts."

**4. Contact Page:**

- The contact page should have a simple form that allows customers to submit inquiries. It should include fields for their name, email address, and message, along with a submit button.
- The page should also feature the bakery's physical address, phone number, and an embedded Google Map showing the bakery's location.

**5. About Page:**

- The about page should provide a brief history of Keki Bora Bakery, the family behind it, and their mission. A picture of the bakery's founders and the bakery's storefront will also be included.

**6. Order Online Section:**

- This section should guide customers on how to place an online order for cakes, pastries, and other items. A button leading to an external ordering platform or form will be featured here.

**7. User Experience:**

- The website needs to be visually appealing, user-friendly, and responsive (i.e., it should work well on both desktop and mobile devices).
- The color scheme and design should match the bakery's warm, inviting, and

**Question 1:**

Imagine you are tasked with designing and developing the website for Keki Bora Bakery. Draw a simple sketch of the page elements to represent the layout of the **homepage**, including the following:

- **Header:** The header should contain the bakery's name and the signature cake image.
- **Navigation Bar:** A bar with links to sections like Home, Menu, About Us, Contact Us, and Order Online.

- **Main Content Area:** This includes sections for the homepage, menu, about us, and contact.
- **Footer:** The footer should have the copyright notice.

Label each element in your sketch, and give a description of how the sections are interconnected (e.g., clicking a navigation link takes the user to the corresponding section).

### **Question 2:**

Imagine you are creating the homepage for Keki Bora Bakery . Write the HTML code to structure the basic elements of the page, including the DOCTYPE declaration, opening <html> tag, and essential elements in the <head> (such as the page title and character set).

### **Question 3:**

Keki Bora Bakery needs a navigation bar with links to the homepage, menu, about us, contact us, and order online. Write the HTML code for a navigation bar using an unordered list (<ul>) and anchor tags (<a>).

### **Question 4:**

You want to display an image of the bakery's signature cake on the homepage. Write the HTML code to insert this image. The image file is named signature-cake.jpg, and you should provide an alt text of "Signature cake from Keki Bora Bakery"

### **Question 5:**

Keki Bora Bakery needs to show a list of menu items on the "Menu" page. Each section should be clearly labelled (Cakes, Cupcakes, and Specialty Desserts). Write HTML code to list a few items under each category, along with their prices.

### **Question 6:**

You need to create a simple contact <Form> for Keki Bora Bakery where users can inquire about products. The form should include fields for name, email address, and message, and a submit button. Write the HTML code for this form.

### **Question 7:**

There should be an external link that leads to the bakery's online ordering system. Write the HTML code for this link. The link should open in a new tab when clicked.

### **Question 8:**

Based on your design sketch and the code snippets you provided in the previous questions, you are required to implement the complete HTML code for the Keki Bora Bakery website. Ensure the following during the implementation:

- All sections are properly and logically linked from the navigation bar.
  - Use semantic HTML elements (<header>, <nav>, <section>, <footer>) to structure the content.
  - The images have appropriate alt text for accessibility.
  - The form on the Contact Us page should have a submit button and properly labelled fields for name, email, and message.
  - The page should be well-structured, easy to read, and clearly show the interconnections between sections when navigating through the links in the navigation bar.
  - The "Order Online" link must open a new tab in the browser.
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- *After implementing the HTML code, save the file with the .html extension (e.g. kekiBakery.html).*
  - *Open the file in a web browser (such as Chrome, Firefox, or Safari) to check that all elements appear correctly, and the links in the navigation bar lead to the correct sections on the page.*