

# CDAC Mumbai

## Web Programming Technologies

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Total: 15 Marks

### Website Design: *Digital Cookbook & Meal Planner*

#### Description:

Create a platform where users can create, organize, and share recipes. The system should also generate shopping lists and plan meals for the week, with customizable nutrition labels and dietary filters.

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#### Requirements

1. **Technologies:** HTML, CSS, Bootstrap, JavaScript
2. **Pages and Layout**
  - **Home:** Overview of featured recipes and meal planning tools.
  - **Recipe Listings:** Detailed pages for each recipe with preparation steps and ingredients.
  - **Meal Planner:** Interface for users to plan meals and generate shopping lists.
  - **Nutrition Labels:** Customizable nutrition information for recipes.
  - **Contact Us:** For inquiries and support.
  - **Sign Up/Sign In:** User registration and login functionality.
  - **Responsive Design:** Ensure responsiveness across devices using CSS/Bootstrap.
3. **CRUD Operations**
  - **Create:** Allow users to submit new recipes and meal plans.
  - **Read:** Display available recipes and shopping lists.
  - **Update:** Enable users to modify their recipes and meal plans.
  - **Delete:** Allow users to remove recipes from their collections.

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**Note:** The listed requirements are mandatory, including recipe listings and meal planning functionality. Validations are required wherever applicable. Extra marks for any unique functionality. Full creative freedom in design.

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