

# Food Blog

WT-I PROJECT – SEM 3, B.TECH CSE

Raunak Sengupta – PES1201700072

Sarthak Gupta – PES1201700077

Mehul Thakral – PES 1201701122

Section G

# Introduction

This is a Food Blog/General Cookery Website which entails help with everything regarding your cooking needs. It encompasses content from Recipes to Appliances to a Blog and Forum.

The site was built with the busy modern food connoisseur in mind, with everything you need all wrapped up into one concise site: nothing more, nothing less.

## Technology Implemented

- HTML/CSS for aesthetic front-end design and effects
- JavaScript for back-end functions (sticky nav-bar, login validation, etc)
- MySQL for database implementation for recipes, articles, discussion on forums, etc
- PHP for back-end coding and integration with database
- APIs offered by e-commerce sites
- Session for Forum User Login
- YouTube Embed

## The Pages

A sticky nav-bar exists on every page of the website. It contains links to every page. Even on scrolling, it persists at the top. This is implemented using JavaScript.

A footer also exists on every page providing the contact details of the author.

### Home:

The Home page offers links to all the pages using a beautiful tile format which has fade effects.

### All You Need:

It is composed of pages offering cookware, appliances, groceries and spices, displayed as tiles, the same way as the home page.

The pages directly draw in the best-selling products using APIs offered by Wonderchef™, Bigbasket™, etc on their e-commerce webpages.

## Everyday Cooking and Weekend Mania:

They offer Recipes based on filtering by Meal (Breakfast, Lunch, Desserts), Cuisine (Indian, Continental) and sorting by Popularity, Newest. These Recipes are stored on the database as a recipes table. All this functionality is implemented using PHP.

Each Recipe's popularity count increases when clicked on. All this functionality is implemented using PHP.

The recipes on the sorting/filtering page are shown as tiles with their image, name, cook-time, and serving.

The format of the full recipe pages are:

Intro – Basic Intro to recipe (optional)

Heading – Picture, Name, Serving, Cooking Time

What? – Appliances and Ingredients

In a Jiffy! – Quicker ways to procure ingredients (optional)

How? – Procedure of recipe

Outro – Concluding statements (optional)

## Step by Step:

It offers Embed YouTube videos on Recipes provided on our site. It sorts by popularity of the recipes using PHP.

The most popular video is playable on the site while the others are thumbnails, linked to the YouTube videos' link.

## What Comes Handy:

It offers the most-useful tips, straight from the author in a simple, aesthetic format.

## Let's Talk:

Blog:

It displays a list of articles, sorted by popularity or newest. These articles are completely stored on the database in a table named blog\_articles and are loaded dynamically.

Popularity increments the same way as in a recipe. This is all implemented using PHP.

The articles on the sorting page are displayed as a list with just their topics.

The full article pages are dynamically created using the database's blog\_articles table.

## Forum:

Registering implements password constraint: 8 or more characters, one lowercase and uppercase letter and a number. It also matches the fields of 'Password and Confirm Password'. The validation is performed using JavaScript. It then stores the user's data on the database in a table named forum\_users.

Login performs validation for the email and password using the forum\_users table and initiates a session using PHP.

The forum interface offers all the discussion topics, sortable by newest or popularity (same as above) from discussions stored in a discussion\_topics table using PHP.

Each discussion displays its topic and its date and time of posting.

On loading a discussion, discussion replies are fetched from a discussion\_replies table using PHP dynamically.

The full discussion displays the topic and description with its replies with their time-stamps.

A new discussion or reply can be posted at any time.

A logout button ends the user's session and redirects to site Home.

## About Us:

It is a simple page about the author.

# GitHub Repository

<https://github.com/sarthak7gupta/webtech>

# Screenshots









