wowFood: Culinary Delights E-commerce

# Proposed team

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# Overview The proposed project is a comprehensive web application named "wowFood Website" that allows users to explore a variety of foods categorized into pizza, burger, desserts, and more. The website enables users to view different food menus within each category, each accompanied by prices, titles, and descriptions. Users can easily place food orders by clicking "Order Now," specifying quantity, and providing delivery information. The website also features a search functionality for users to find specific foods based on entered keywords. An admin panel is incorporated, allowing authenticated administrators to access a dashboard displaying total categories, foods, orders, and revenue. The admin panel facilitates the management of admins, addition and display of food categories, and the manipulation of individual food items.

# Customer The potential customers for this project are individuals who enjoy exploring and ordering various types of foods online. It caters to those who prefer a user-friendly platform for discovering and ordering food items conveniently.

# Product The project will deliver a dynamic web application offering an intuitive interface for users to explore, search, and order different food items. The admin panel provides administrators with tools to manage users, categories, foods, and track overall system performance.

# Users End users of the product are individuals looking for a hassle-free way to explore and order diverse foods online. They may vary in technological proficiency, so the user interface aims to be intuitive and easy to navigate.

# Management

The project will be organized using an Agile development approach, allowing for iterative development and quick adaptation to changing requirements. The Scrum framework, with its short sprint cycles and regular feedback loops, seems appropriate for this project due to its flexibility and ability to handle evolving features.

# Communication

To facilitate project-related concerns, we will primarily do regular team meetings for project status updates and task assignments.

# Breakdown

The system can be broken down into several key components:

* Frontend Development: Creating the user interface using HTML, CSS, and JavaScript.
* Backend Development: Building the server and database functionality using PHP and PhpMyAdmin, MySQL.
* Admin Authentication: Implementing admin registration.
* Admin Panel
* User Interface
* Search Functionallity
* Product Catalog: Managing and displaying the food inventory.
* Order Processing: Handling customer orders

# Effort estimation

Estimating the total work hours for the project depends on the specific features and complexity. A preliminary estimate might range from 500 to 800 hours, considering frontend and backend development, database setup, testing, and refinement.

# Technological stack

The technological stack includes HTML, CSS, PHP for web development, and MySQL for database management. Additionally, JavaScript may be used for enhancing the user interface, and tools like PHPMyAdmin will assist in database administration.

# Reporting

For our project, we believe the following types of reporting are necessary:

* Presentation: Regular progress presentations
* Printable Documentation: Technical documentation, and project plans.
* Demo: A demonstration of the final product to showcase its features and functionality.

# Additional information

We will focus on creating an attractive and user-friendly design to enhance the customer experience and drive sales for the restaurant. Regular testing and quality assurance will be integrated into the development process to deliver a reliable e-commerce platform.