

**Database Management System**  
**CSE-314**  
**Submitted For**  
**Bachelor in Science (Engg.)**  
**In Computer Science and Engineering**  
**At**



**North East University Bangladesh**

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**Project Name:**

Online Ice Cream  
Shop

## FrozenScoopsProject

### Project Description: FrozenScoops - Online Ice Cream Shop

#### Overview:

FrozenScoops is an online ice cream shop website where users can conveniently browse, select, and purchase delicious frozen treats. The website offers a wide variety of ice cream flavors and toppings to satisfy every craving.

#### Features:

##### User-Friendly Interface:

The website features a clean and intuitive interface that allows users to easily navigate through different ice cream options.

Users can view detailed product descriptions, including ingredients and nutritional information, along with enticing images of each flavor.

##### Shopping Cart and Checkout:

Users can add their favorite ice cream flavors and toppings to their virtual shopping cart. The website offers a seamless checkout process, allowing users to securely enter their payment and shipping information.

##### Admin Panel:

The admin panel provides access to the website's backend functionalities.

Admins can log in securely to access their dashboard, where they can manage products, customize offerings, and view sales data.

Product management tools allow admins to add new ice cream flavors, update existing products, and adjust pricing as needed.

##### Customization Options:

Admins have the ability to customize product offerings by creating new flavor combinations, seasonal specials, and limited-time promotions.

The website provides flexibility for admins to upload images, edit descriptions, and set customization options for each product.

#### Dashboard and Analytics:

The admin dashboard offers a comprehensive overview of product inventory, sales performance, and customer engagement metrics.

Admins can track sales trends, monitor inventory levels, and generate reports to gain insights into the success of their offerings.

#### Technologies Used:

Frontend: HTML, CSS

Backend: PHP

Database: MySQL

#### Conclusion:

FrozenScoops aims to provide a delightful online shopping experience for ice cream enthusiasts while empowering admins with robust tools to manage their virtual storefront effectively. Whether users are craving classic favorites or exploring new flavor combinations, FrozenScoops offers something sweet for everyone.