**SnackAttack**

**Team Members:**

Tejeswi Devi Priya Pillarisetty

Sai Srilaxmi Linga

Aneetta Jijo

Sadhana Madepelli

**Dataset Chosen**

**Link:** <https://www.kaggle.com/datasets/dimitryzub/allrecipes-all-us-recipes-by-state>

**Source:** Kaggle  
**Reason:**

* Contains 4,000+ recipes with fields like ingredients, directions, nutritional info, rating, and state.
* Supports core features (filtering, authentication, CRUD).
* Customized into **4 MongoDB collections**:
  + recipes (main data)
  + users (authentication)
  + favorites (user-specific saved recipes)
  + reviews (ratings/comments)

**List of Features & Task Distribution**

| **Feature** | **Description** | **Assigned To** |
| --- | --- | --- |
| **1. User Authentication** | JWT-based login/register with password hashing. | Priya |
| **2. Admin User Management** | Admins can delete users or toggle roles. | Aneetta |
| **3. User Ratings & Reviews** | Star-rating system + comment submission. | Sai |
| **4. User-Specific Favorites** | Save recipes to a favorites list. | Sai |
| **5. Latest Recipes** | Sort recipes by creation date. | Sadhana |
| **6. Search & Filtering** | Search by title/ingredients; filter by category. | Sadhana |
| **7. Trending Recipes** | Algorithm to highlight popular recipes. | Aneetta |
| **8. Meal Calorie Calculator** | Calculate total calories from selected recipes. | Priya |
| **9. Download Feature** | Download recipes as PDF/text files. | Priya |

**Roles & Responsibilities**

| **Team Member** | **Pages** | **Features** | **Additional Tasks** |
| --- | --- | --- | --- |
| **Aneetta** | Admin Dashboard | Admin User Management, Trending Recipes | GitHub repo setup |
| **Sadhana** | User Dashboard, Search | Latest Recipes, Search & Filtering | API documentation |
| **Sai** | Recipe Details, Favorites | User Ratings, Favorites System | Schema design |
| **Priya** | Login/Signup, Nutritional Board | Authentication, Calorie Calculator, Download | Testing & Validation |

**GitHub Repository**

* **Link:** <https://github.com/Priya-2705/SnackAttack.git>