Project Details

Project Name:	News Aggregator
Assigned To:	Prudhivi Madhavi
Due Date:	2025-04-01

Description:

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The **News Aggregator** is a web-based platform that collects and displays **news articles from multiple sources** in one place. Users can **browse categorized news, search for topics, and read real-time updates**. The system fetches news from **external APIs** or a **database of curated news articles**. This project will be developed using **PHP, Bootstrap, and MySQL**, with API integration for real-time news updates.

Features to Implement

1.

   ### News Fetching & Display

   - Retrieve news articles from **external APIs** (e.g., NewsAPI, OpenNews, RSS Feeds).

   - Store **news articles in a database** for faster access.

2.

   ### News Categorization

   - Organize articles into **categories** (Technology, Sports, Politics, Business, etc.).

   - Users can **filter news** by category.

3.

   ### Search Functionality

- Users can **search for news articles** by keyword.

4.

   User Authentication (Optional - for Personalization)

   - Allow users to **sign up and save favorite articles**.

5.

   Admin Panel (News Management)

   - Admin can **add, edit, or delete news entries** (if using a local database).

6.

   Database Management

   - Store **news articles, user preferences, and saved articles** in MySQL.

7.

   Security Measures

   - Prevent **SQL injection and API misuse**.

   - Restrict unauthorized access with session authentication.