



News Aggregator App

(Built using Flutter, Firebase & NewsAPI.org)





PROBLEM STATEMENT

Most users struggle to find relevant and real-time news from multiple sources in one place. Traditional news apps either focus on specific sources or require users to manually search for news, making it time-consuming and inefficient.

- Lack of Categorized News:** Users often find it difficult to filter news based on their interests, such as sports, politics, or technology.

- No Personalized Experience:** Many news apps do not adapt to user preferences, leading to irrelevant content.

- Limited Language Support:** Users may prefer reading news in their native language, but many apps lack proper localization.

Proposed Solution

A **smart news aggregator** that gathers, categorizes, and presents news from multiple sources while providing a **personalized experience**.

All-in-One News Platform: Fetches news from multiple sources and organizes them based on categories (sports, politics, technology, etc.).

Personalized Feed: Allows users to select their preferred news categories, ensuring relevant content.

Multi-Language Support: Displays news in Tamil ,Hindi and English, giving users the flexibility to consume news in their preferred language.

Tech Stack Used

Flutter: For building a cross-platform mobile app (Android & iOS).

NewsAPI.org: To fetch real-time news from multiple sources.

Firebase Firestore: To store user details like their name and phone number.

JSON Localization: To support multi-language news display.

App Features & Workflow

- 1.Select a News Category** – Users can choose from different categories like sports, politics, technology, and more.
- 2.Fetch & Display News** – The app retrieves the latest articles from **NewsAPI.org** and displays them in a structured format.
- 3.Read Full Articles** – Clicking on a news card opens a detailed news page with full content.
- 4.Settings**-User can switch between dark theme and light theme.
- 5.Multi-Language Support** – Users can switch between Tamil and English from the settings.



API Request & Response Handling

- API Request:** Sends a request to NewsAPI.org to fetch news articles.
- Response Handling:** Parses and displays articles dynamically in the app.
- Display in App:** Users can browse and read the articles.

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News App

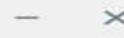


Welcome to the News App

View News

About Us

Settings





THANKYOU