Team Members:

Venkata Bhumika Guthi (z2016526)
Bharath Kumar Bandi (z2001489)

Abstract

Title: News Stream App

The News Stream App is an Android-based mobile application designed to provide users with real-time access to the latest trending news from various categories such as sports, politics, entertainment, and more. This app aims to deliver an intuitive and engaging user experience by offering a personalized news feed with the option to bookmark articles for offline reading, ensuring that users stay updated even without an active internet connection.

Key features of the app include the ability to browse through multiple news categories, access articles with related multimedia content such as images and videos, and save favorite articles for future reference. Users can also customize their feed by selecting specific topics of interest, enhancing the relevance of the news presented.

The app is built using Java as the programming language, and it leverages Android Studio for development. For real-time news updates, the app integrates with the News API, fetching live articles from various news sources around the world. To provide persistent storage for user bookmarks, the app utilizes SQLite, enabling users to store and access their saved articles even while offline.

Hence, the News Stream App serves as a comprehensive solution for keeping users informed on global trends, with offline capabilities, personalized feeds to enhance the reading experience.