HACKER NEWS READER PROJECT

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The project makes use of the free HackerNewsAPI
(https://github.com/HackerNews/API).

The articles from the website Hacker News are received in the application as a JSON object. The id, title and url of the JSON are stored in a HashMap which maintains relation with id to title and id to url. The id, title, url and content are also stored in a local Sqlite database to allow offline access to the app.

From the Sqlite Database, the items are populated on the front end in a ListView, which keeps on getting refreshed in the background using an AsyncTask, thereby not making the main UI slow during updating the list.

The content is then showed on a WebView container in the application, which requires internet connection to work.