بِسْـــــــمِ اللّٰهِ الرَّحْمٰنِ الرَّحِــيْمِ

Dictionary App using Django in Python

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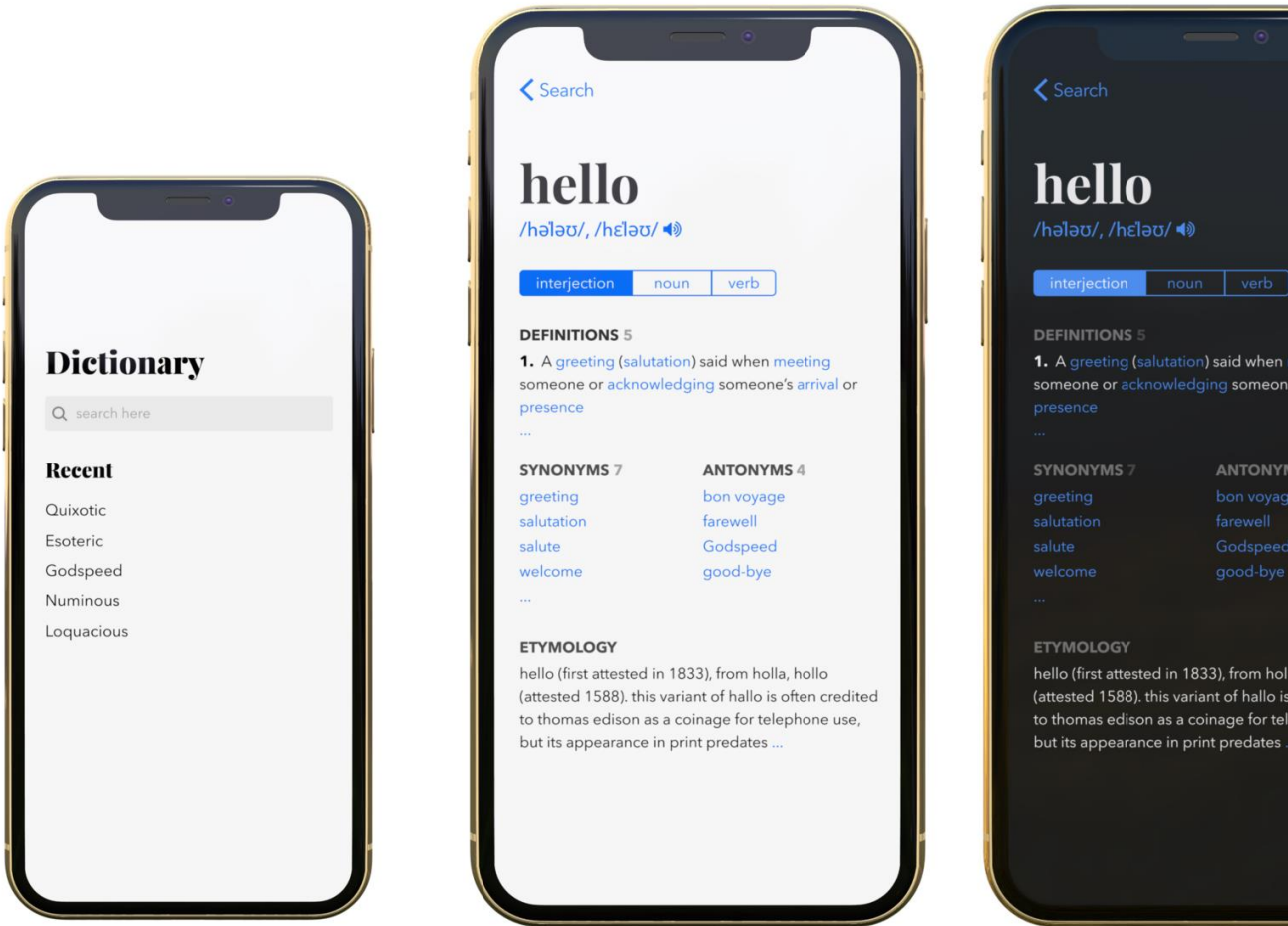**Course Code:** CSE-3638 + CSE-3640

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Project Proposal

Dictionary App using Django

Dictionary App using Django in Python

A dictionary is an application that allows users to search for a specific word and provides the meanings of the word and its synonym and antonym in return.

For Students, Teachers and any individual across the world. The dictionary plays a significant role in their life in a variety of ways.

For instance, with the help of dictionaries, Students can understand their subjects better, improve their communication, and improve their grades by using the words correctly.

The first ever dictionaries are in the form of books, available even now in any bookstore. But they consume a lot of time in searching and the risk of losing them or pages being torn out is high. With the evolution of technology, it is now much easier to search the unfamiliar words on search engines such as Google, etc., with an active internet connection. This advancement is much efficient than the custom book form, yet is far from the best. This is because of some factors like battery consumption, internet charges, etc., that are evident with using search engines. Thus, the need for developing an dictionary app is in excess.

We will create an English-to-English dictionary where the user will find all advanced features of the dictionary in a single App.
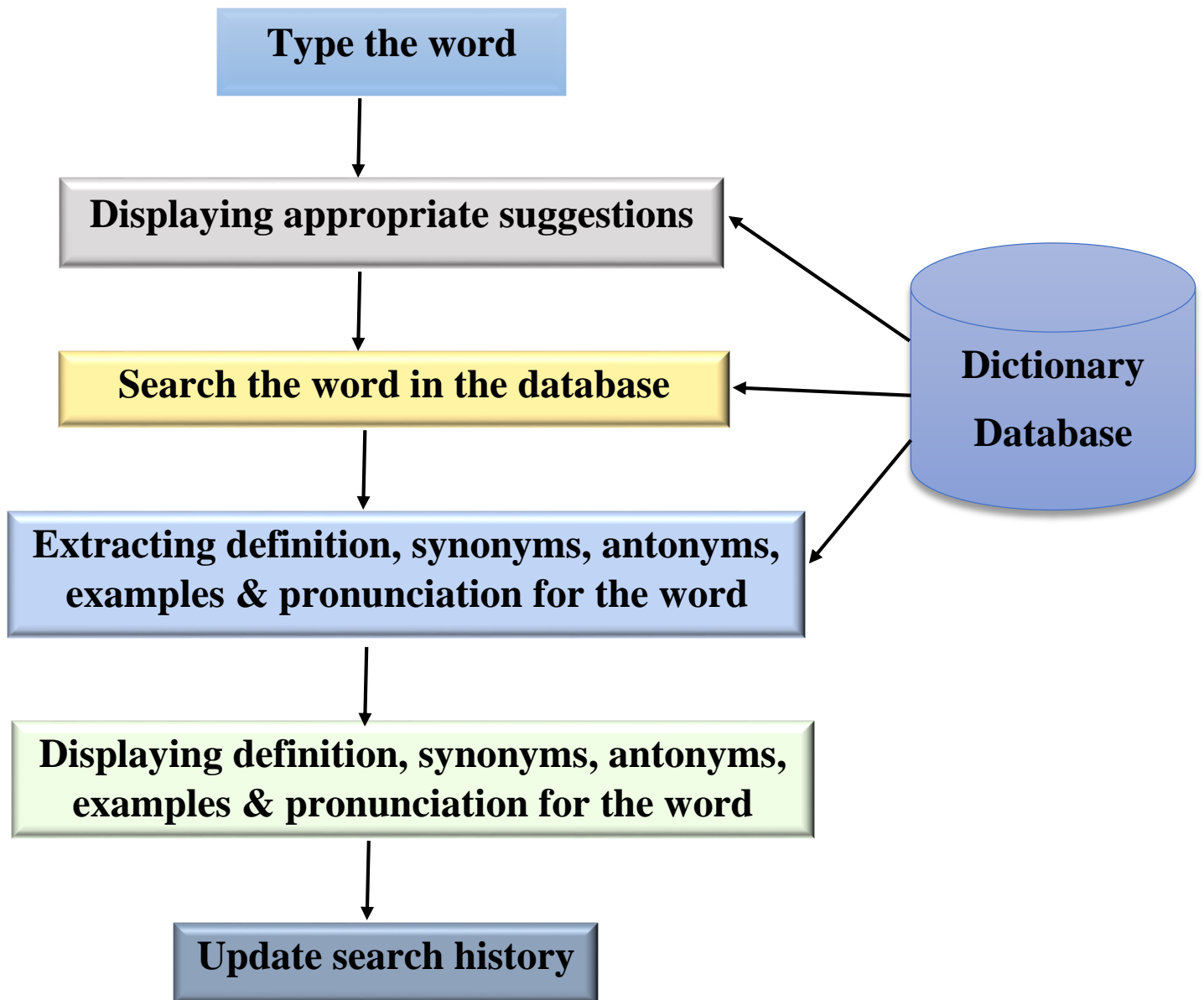
Main features

We are building a dictionary app in order to provide the user with utmost understanding. In our app, we provide features like definitions, synonyms, antonyms, examples and pronunciation of the word.

Technology

The following technologies will be used to develop the application:

Tools	Django	
	HTML	
	CSS	
	JS	
Web browser	Google Chrome	
Software	Visual Studio Code	

Proposal Model

(**Figure-1: Architecture of our proposed model**)

This project aims to provide the users with the idea of best dictionary experience. The users can search the words quickly, know different details of the words such as meanings, synonyms and antonyms. The user can also find examples to the words which help understand the different contexts in which the words can be used. The user is also provided with a feature of listening to the word they searched, so that they know how the word is pronounced. In the proposed system, we provide many advanced features of dictionary as a well-developed app or website.