ULang: Master a New Language

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Technologies

Overview

ULang is a foreign language learning application focused on note keeping and practicing languages as you learn. ULang features verb conjugation tables to study all of the forms and tenses of verbs, customizable vocabulary sets, and more. ULang is a cloud-based web application, leveraging natural language processing APIs and toolkits to create an interactive language learning experience.

Goals

The goal of ULang is to provide an easy to use platform for learning and practicing foreign languages. To achieve this we strove to create strong functionalities with a clean interface which will allow users to get started with ease.

Challenges

Architecting the application to integrate well between the client and server-side components.
Designing the mockups of the client to be modern, accessible, useful, and easily usable.

Results

A functioning web application that includes user-created dictionaries and sets organized by language, study tools such as flash cards, spelling and word conjugation exercises, and pronunciation practice, as well as the ability to share study materials with other users. See the below screenshots for how these activities appear in the application.

Impact

By aiding in the learning of new languages we hope to contribute to the reduction of language barriers, improving understanding between people of different cultures and helping those who wish to travel the world, whether that be for education, business, recreation, or safety.

Input:
Language/Vocabulary

ULang WebApp

Display Words/Definitions

Display Word/Translation

Display/Say Word

Display/Enter Word/Translation

User

Dictionary

Flash Cards

Practice Pronunciation

Vocabulary Practice

Manage Words

Manage Sets

Store/Return Words

Database

Master a new language now.

Get Started

Log In

Home

Flash Cards

Learn

Game

Pronunciation

Friends
Brad Davis
Erin Johnson
Kristen Brown

CJ Chris Jantzen

Filter

Sort   Alphabetical

Family
28 Terms

Travel
14 Terms

Animals
17 Terms

Erin Johnson's Set
Vocabulary Set for French Midterm
65 Terms

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