# **Babbel Challenge: Team Conjugator**

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Prototype: <https://lilyxl8.github.io/conjugator>

(For judges: see solutions [here](https://gringajourneys.com/wp-content/uploads/2017/02/THE-MOST-COMMON-VERBS-IN-SPANISH-2.pdf))

# **Problem**

When learning a new language, verb conjugations are so important yet so tedious. You have no other choice but to memorize a set of patterns.

Why not automate this learning? Even make it fun and gamify it ☺

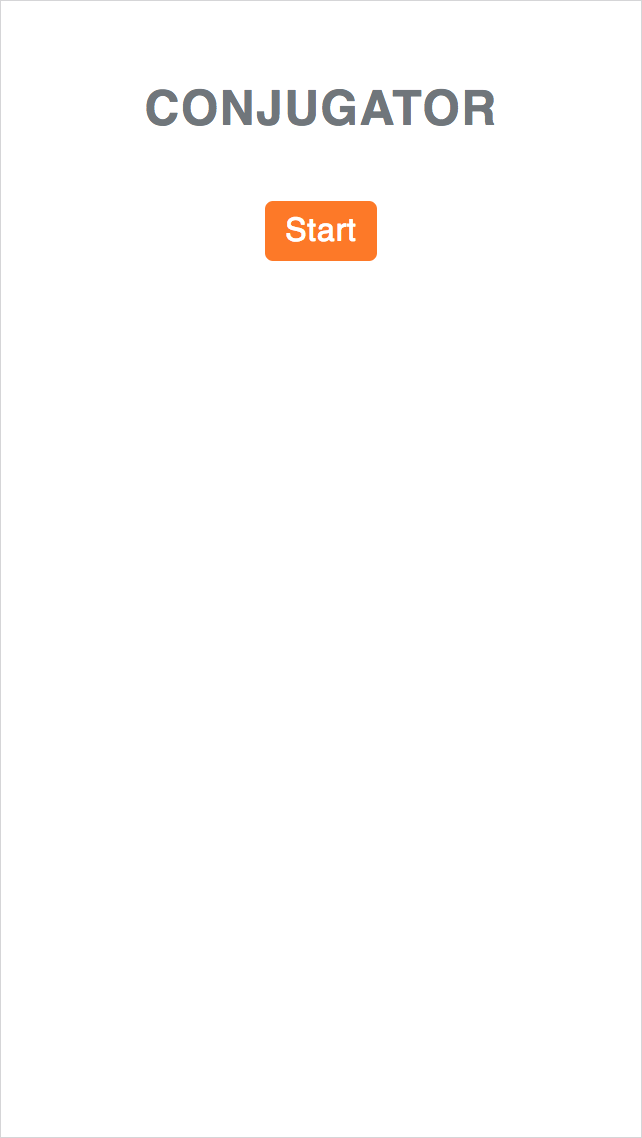
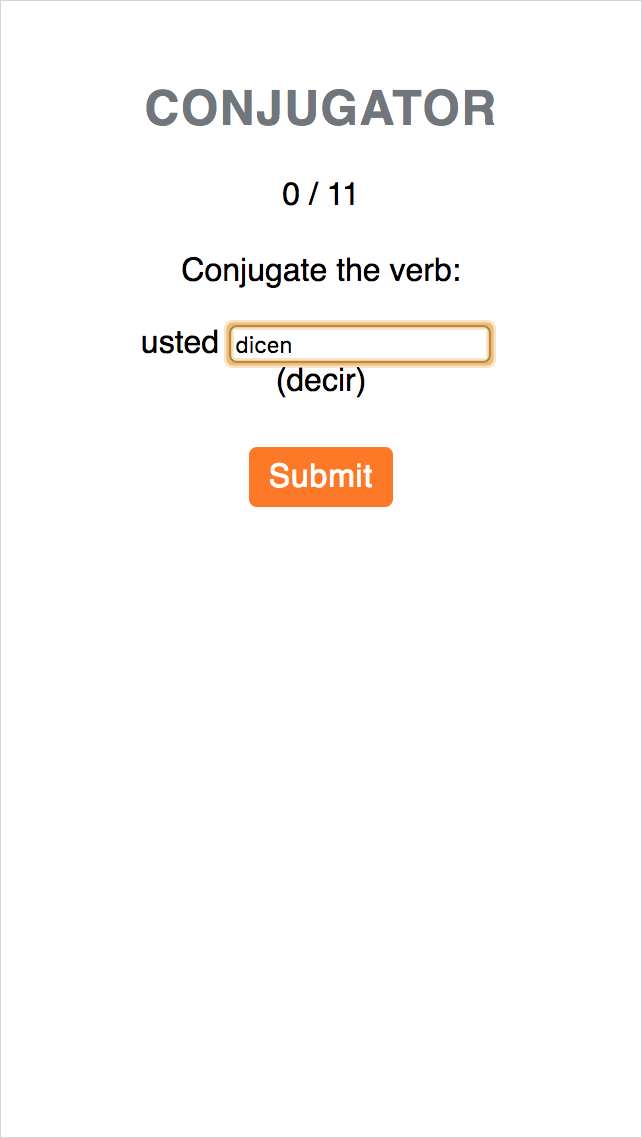
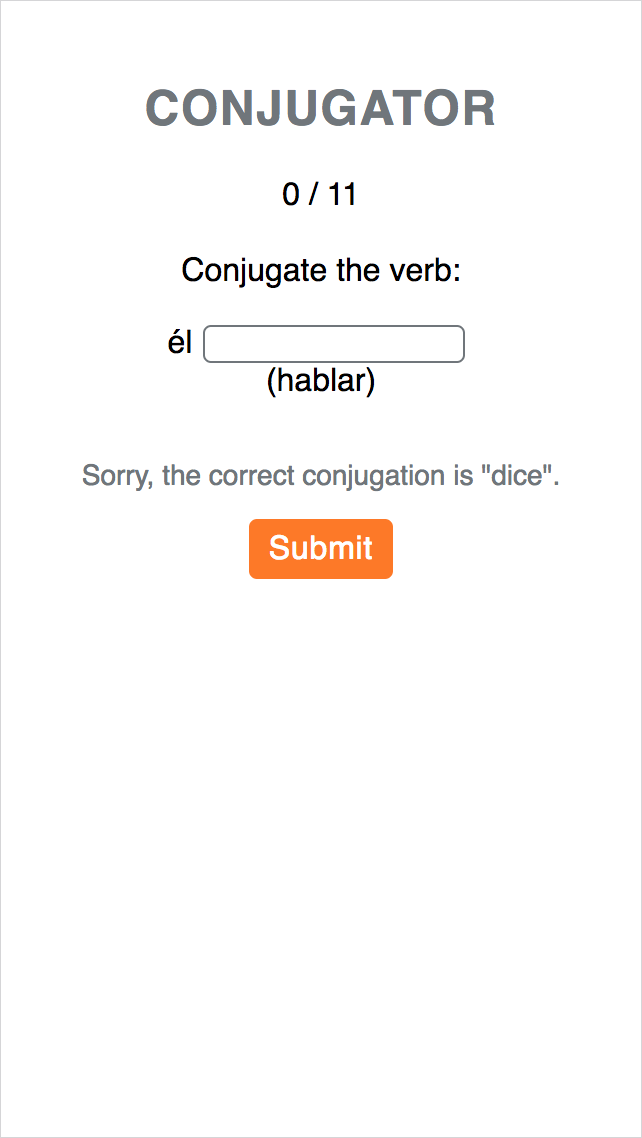
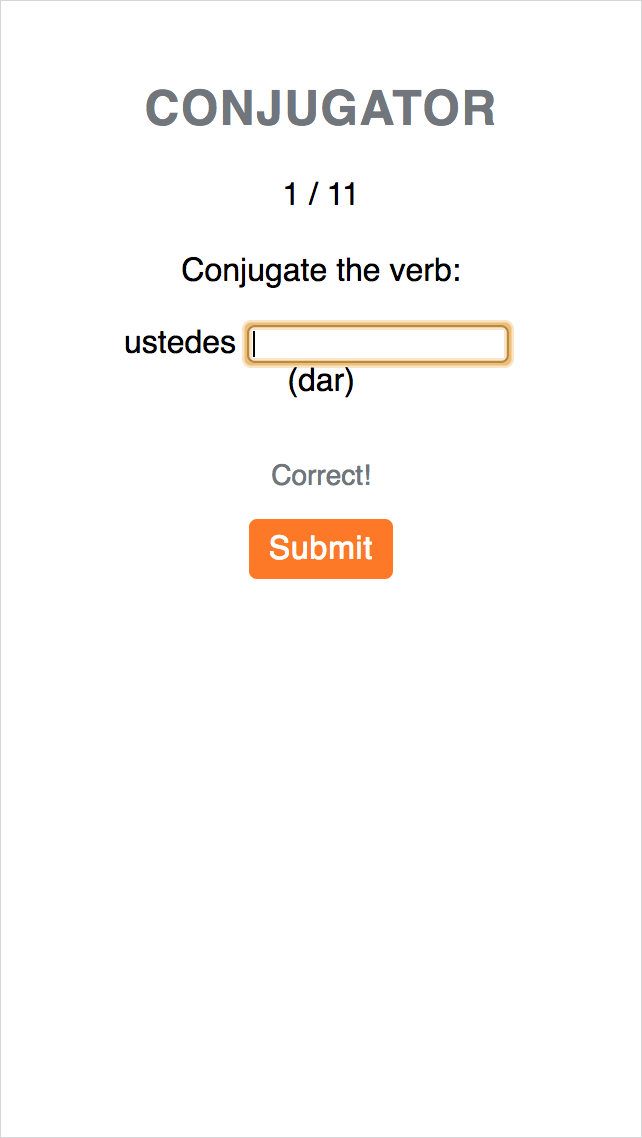
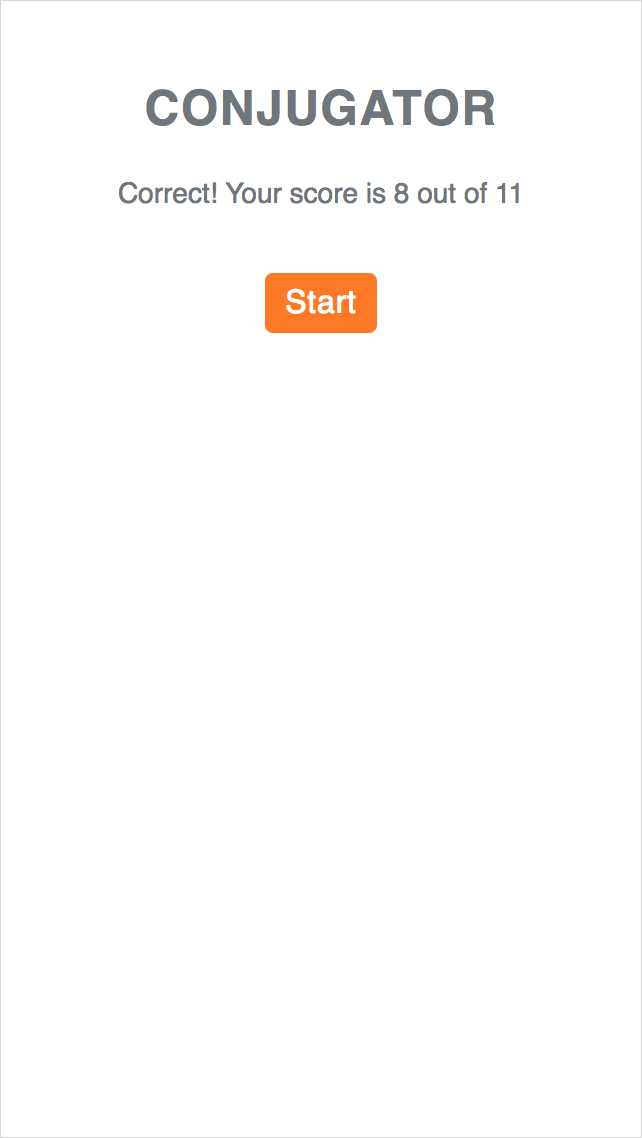
# Impact

All Indo-European languages have verb conjugations…

* English, French, Spanish, Italian, Portuguese, German, Dutch, Swedish, Norwegian, Russian, Yiddish, Afrikaans, Icelandic, Faroese, Latvian, Bulgarian, Bosnian, Serbo-Croatian, Polish, Slovenian, Macedonian, Urdu, Hindi, Persian, Turkish, Latin, Albanian, Armenian, Irish, Ukrainian, Greek =-O
* 44% of the world population, or 2.5 billion people, speak a language in the Indo-European family[[1]](#footnote-1)
* Billions of language learners

Pronouns and verbs account for about 25% of human expression.[[2]](#footnote-2) And they are the most meaningful parts of speech – with only these two, you can already have an entire conversation!

# Design

Variations

* Multiple-choice answer for beginners (instead of text field)
* Speech recognition
* Chatbot
* Multiple verb tenses (past, past perfect, conditional, subjunctive…)
* Social gamification

1. <http://www.vistawide.com/languages/language_families_statistics1.htm> [↑](#footnote-ref-1)
2. <https://isenseproject.org/visualizations/1177> See ratio of verbs and pronouns out of all words from Brigham Young University's massive Corpus of Contemporary American English, which contains 180,000 contemporary texts totaling some 520,000,000 words. [↑](#footnote-ref-2)