**Requirements Specification**

**Language**

* Countries
  + Japanese
  + Chinese
  + Italian
  + Spanish
  + German
  + Russian
  + French
  + Hindi
  + Arabic
* Basics
  + Common Verbs
  + Common Nouns
  + Common Adjectives
  + Vowel Pronunciation
  + Other
    - Numbers
    - Meals
    - Times
    - Alphabet
    - Colours
    - Gender
    - Family
* Grammar
  + Other
    - The
    - A/an
    - And
  + Pronouns
    - Him
    - Her
    - It
    - Them
  + Prepositions
    - Over
    - Under
    - Next to
    - Beside
    - At
    - On
    - In
    - In Front
    - Behind
    - Above
    - Across
    - Toward
    - With
    - Within
    - Without
  + Conjugation
    - He/Him
    - She/Her
    - I/Me
    - We/Us
    - They/Them
    - You
    - You (plural)
  + Rules
    - *These are specific for each language. For example, in English, the word “an” precedes a word beginning with a vowel*
* Situational Conversation
  + Restaurants
  + Travel (Airport, Bus stops, Train stations etc.)
  + Shops
  + Asking for directions
* Social Conversation
  + Greetings/Farewells
  + Asking Questions
    - Hobbies
    - Name
    - Age
    - What they enjoy
    - What they do (career/student)
  + Talking about yourself
    - Hobbies
    - Name
    - Age
    - Where you’re from
    - What you want to do
    - What you enjoy
    - What you do
      * Career/Where you work
      * Student/Where you study
      * Other/Why you’re so lazy

**The Program**

* Games
  + Matching
    - *A word or picture will be given. The user must match that word or picture to its corresponding picture/word.*
      * Difficulty will determine
        + Complexity of words
    - English – Foreign Word format
    - Picture – Foreign Word format
    - Reverse
  + Sentence Filler
    - *You will be given a sentence, in English or the foreign language, with blanks in it. You must type in the correct words to complete the sentence.*
      * Difficulty will determine
        + The number of blanks
        + Foreign/English ratio of the sentence
        + Complexity of words
      * Each sentence will be in context with the chosen category
  + Multiple Choice
    - *The user must choose on the correct answer in response to prompts, such as a description or a situation.*
    - Conversations
    - Identifying a picture
      * Directions
      * Items/nouns
    - Reverse
  + Country Recognition
    - *You are given the name, flag, currency, or other piece of information on a country, and you must select that country from the map.*
    - Reverse
    - Difficulty determines
      * Speed
      * Borderlines visibility
  + Language Differentiation
    - *Random words from the entire database of word are shown, and the user must select the language they are from*
    - Difficulty determines
      * The maximum number of languages involved
      * Speed of words
* Interface
  + Difficulty
  + Language
  + Category
  + Other game-specific options
  + Menu navigation
  + Navigation Transition Animation
* Features
  + Scoring/Bonuses
    - Time
    - Accuracy/Correctness
    - Base Completion
    - Difficulty
  + Dictionary
    - Definitions
    - Synonyms
    - Antonyms
    - Pronunciation
  + Audio
    - Background Music
    - SFX
      * Clicking
      * Success
      * Failure