

### ITP 303 Final Project Summary

**INSTRUCTIONS:** Type out your answer directly below each question. If a question does not apply to your project, type in N/A. When finished, save this file as a PDF and upload it to the itpwebdev server via FileZilla. Then, add a link to this PDF in your student\_page.html. Label it "Final Project Summary."

#### **BASICS**

**Your name?**

Matthew van Niekerk

**What is the topic of your final project?**

Dictionary website

**Who is the intended audience?**

Anyone interested in improving their English vocabulary.

**Provide a brief summary of the functionalities of your project.**

Users can explore definitions for all words in dictionaries available through Wordnik's API. They can view the word of the day, search for specific words, go to random words, and add words to their own personal list of words. Users can also click any word in any definition to see the definition for that word.

#### **FRONT-END**

**What is the total page count?**

Twelve

**List the names of any external stylesheet used in this project below.**

style.css

**List any CSS libraries/frameworks used in this project (e.g. Bootstrap) below.**

Bootstrap

**List any JavaScript libraries/frameworks used in this project below.**

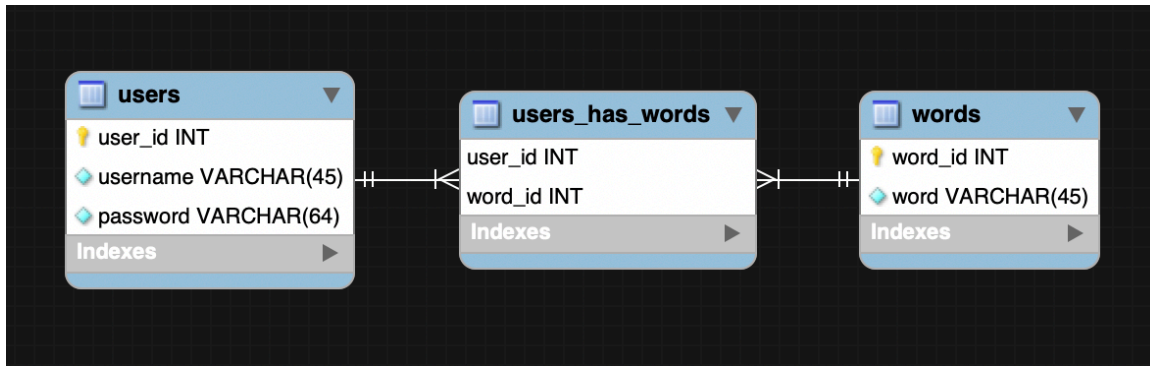
N/A

**How does your project meet the Interactivity requirement?**

It uses onclick to confirm whether or not a user really wants to remove a word from their personal list.

#### **BACK-END**

**Attach a screenshot of the final database diagram (just the diagram, do not include any records) below.**



**Where in your project do you insert a record to the database (the 'C' in CRUD)?**

When a user creates an account (in users), and when a user adds a word to their personal list (in users\_has\_words and if not already added, in words).

**Where in your project do you search and display record(s) from the database (the 'R' in CRUD)?**

When showing a user their list of words.

**Where in your project do you update an existing record(s) in the database (the 'U' in CRUD)?**

When a user updates their password.

**Where in your project do you delete existing record(s) from the database (the 'D' in CRUD)?**

When a user removes a word from their list.

### MISC

**What two "extra" requirements did you implement and where can they be found?**

Sessions / Cookies: users can create accounts to have individual sessions.

JSON/JSONP API or REST (Server-Side) API: Wordnik's API provides all definitions.

**If you used any APIs or JS plugins/frameworks as one of the extra requirements, list the name and a link to their documentation.**

Wordnik API: <https://developer.wordnik.com>

**If your project requires any admin credentials (i.e. only admin users can access a certain page), list the credentials below.**

N/A

**Provide any other information that you think the grader/instructor should know when grading your final project below.**

Sometimes Wordnik's API can take some time to respond or it limits the rate of requests, so if a definition doesn't load, try refreshing or going back then trying again.