Teaching Tool - Content Creation Steps

Pre Process

1. Establish Tech Term Definition in Database

Process

1. Input Seed keyword from tapNotion Dictionary. Ex: “e-mail”
2. Find definitions of keyword from Sources:
   1. Webopedia
   2. Oed
   3. Merriam Webster
   4. Wiki
   5. Wordnet
   6. Wolfram
   7. Freebase
   8. Techterms.com
   9. Dictionary.com
3. Check for definitions that are = (exactly). Discard those that are the same
4. Feed a combination of definitions (every combination\*) into ai-one (keyword extractor)
5. Generate multiple list of keywords
6. Find common keywords. All other words are thrown out
7. Check if common keywords are in the dictionary
   1. If yes

(Optional at the moment)

1. Put through natural language understanding process
2. Create tapDefinition using natural language generation

Age Tonality

1. Apply Learning Rules
   1. If keyword greater than 6 letters find synonym and replace as keyword
   2. If Definition greater than X words extract only the important keywords according to importance statistic based on proximity and confidence

Or

The number of times it shows up in other definitions.

# of times in total definition corpra/# of keywords

1. Put Keywords into a wordtree map with the seed keyword being the node. The common keywords being new connected nodes
2. Add to Node:
   1. Definition
   2. Picture or icon (optional)… thenounproject, google images

Rinse Lather Repeat