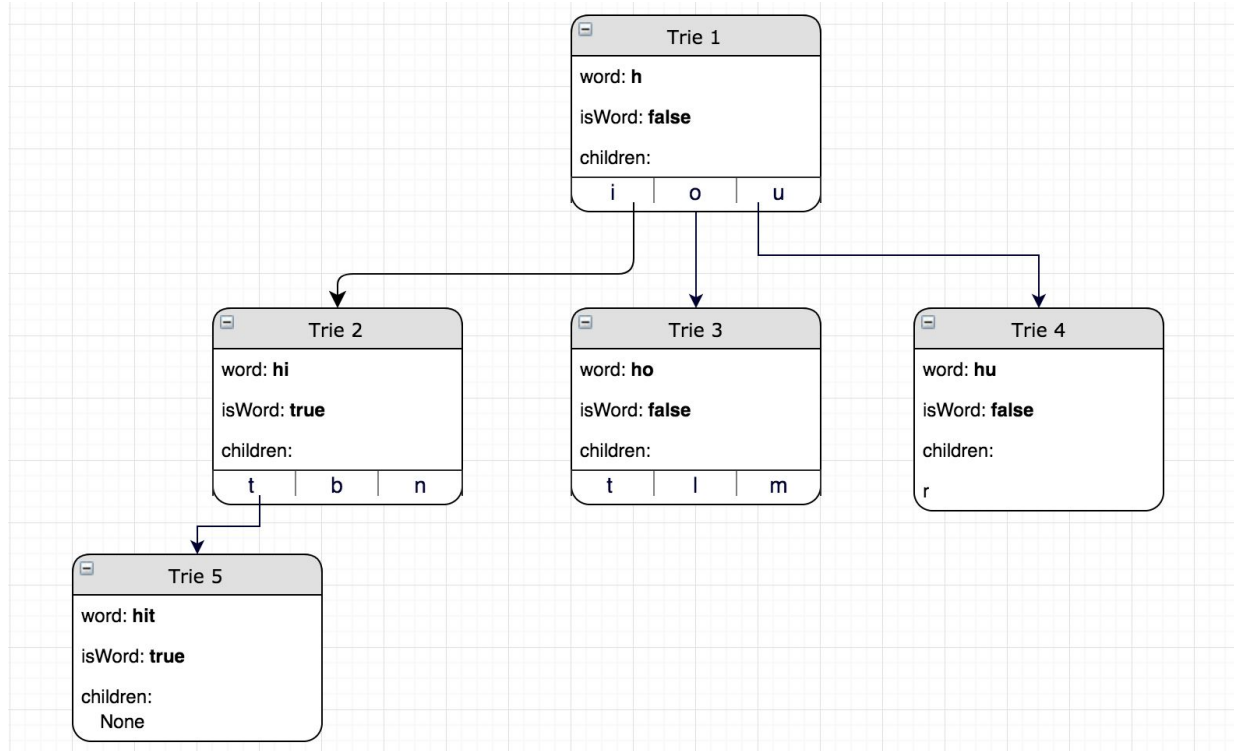# Group A: JJBS

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Smart text editor / processor

- Project goal:
  - Build smart text editor that incorporates "intelligent" behaviors of modern day text interfaces
- Main interface:
  - GUI designed using tkinter library
- Back-end data structure
  - Trie class holds each word we add to the dictionary, along with its feature information
  - DicTree class is made up of a tree of Trie nodes and used as the dictionary of words
- Functions of text editor include:
  - Autocomplete
  - Flagging misspelled words
  - Flesch readability score
  - Markov text generation
  - Word cloud
  - Translation

Trie class

Program architecture