Final Project

February 25, 2020

1 TODO Finish Project [0%]

1.1 TODO Write Requirements

- Input
  - Multiple Types
    - User inputs two names (wikipages)
    - ~ user inputs one name (wiki page)
- Processing
  - Convert string to related node id
  - Find the paths such that all possible paths are <= |path|
- Interaction
  1. Take user input
  2. Say if we found a link or not
     - If found a link keep going, else terminate
  3. Ask user for a guess about the path length
     - The number of guesses is yet to be decided
     - Allow user to skip guessing
  4. Show the output.
- Output
  1. The length
  2. The actual path

      - Using the names of the wiki pages
        * Retrieved using the node numbers and the SQL Database
    - Consider something to do with categories

1.2 TODO Write Spec

- Modules
  - SQLite module
    * A module to wrap around the SQLite module provided by Java
  - Interface
    * Responsible for input and output
    * State of interaction process
      · Input step, etc.
  - Traversal Module
    * Responsible for finding the shortest path between two nodes
- ADT
  - Path
    * Stores the solutions sequences
  - Node
    * node number
    * set of neighbouring nodes numbers, not ADT

1.3 TODO Distribute modules work

1.4 TODO Implement program

2 Meetings

2.1 Meeting #4?

<2020-02-27 Thu 10:30>

2.1.1 To be discussed [0/3]

- ☐ Documentation
- ☐ Software architecture
- ☐ Any concerns