Working Prototype Known Problems Report

Product: Personal Knowledge Engine

Team name: Personal Knowledge Engineers

11/29/21

**Known Bugs:**

* If the search term returns too many results, it overloads the search results and crashes the program.
  + **input/action that causes failure:** The search term is too broad/too many returned results
  + **location of fault:** In backend file search, and printing out the results
  + **possible action for removal of fault:** Limit search results displayed/stored. Limit search time. Check if the search term is too broad.
* When running the program on certain Windows machines, the text labels for the various input boxes can become cut off and hard to read.
  + **input/action that causes failure:** Different machine configurations/resolutions
  + **location of fault:** Object placement code
  + **possible action for removal of fault:** Scaling placement of objects instead of static placement
* For the extension input, if multiple file extensions are separated by a comma and a space, the later extensions no longer apply.
  + **input/action that causes failure:** A space after the comma to separate extension types
  + **location of fault:** Backend input parsing
  + **possible action for removal of fault:** Ignore whitespace when reading input
* For the file editor, it can (rarely) refuse to open files even when a valid file editor path was used.
  + **input/action that causes failure:** Some files refuse to open with valid editor
  + **location of fault:** Differences between how different editors open programs
  + **possible action for removal of fault:** Make the code more generalized or blacklist certain editors

**Definition of Done:**

* **For user stories:**
  + Each task in the user story has been marked complete by its assigned developer.
  + The user story is demonstrated to the group to ensure correct functionality of the story and all its relevant tasks.
  + Any completed and reviewed code is then pushed to the main branch of the github.
* **For tasks:**
  + Each task is tested by the assigned developer, with extensive testing of both basic functionality and edge cases.
  + The task’s code has been reviewed by one or more developers to ensure readability and correctness.