Sprint 2 Plan

Personal Knowledge Engine

PKE Engineers

Sprint Completion Date:

Revision 1 10/23/2021

Sprint Goal: The goal of this sprint is to shift focus to the product UI for smooth user experience and appealing product outlook.

Task Listing:

* User Story 1:

(3) As a first time user, I want the search function to have an understandable and organized user interface so that I know where information was found and how I can access it.

* + Task 1: Window pop-up to show a GUI window (2 hours)
  + Task 2: Create place to Input file(s) to search, and text box for search key
  + Task 3: Create a button that takes inputs and runs search
  + Task 4: Create function that translates output of backend into understandable output
  + Task 5: Print out the readable results (either in a new GUI window, or in current window)
* User Story 2:

(2) As a visual person, I want to have some visual feedback that a search is in progress so that I don’t waste time waiting for a search that isn’t in progress.

* + Task 1: Create a short looping animation
  + Task 2: Display that animation when a search is in progress
* User Story 3:

(1) As someone who makes mistakes, I want to be able to cancel a search before it completes so that I can modify it or avoid wasting time finding information that I don’t need.

* + Task 1: Visual Indicator of search’s cancellation.
  + Task 2: Research GUI multithreading or state variable use, and implement cancelation process for backend thread or backend function
* User Story 4:

(2) As a user, I want to see previews of the searched term as it appears in the result files so that I know which files contain useful information.

* + Task 1: If a file’s context is too overwhelming, it should be shorted to show only some of the context on each side of the term
  + Task 2: The key term(s) should be made more prominent, with bold or some other highlighting

Team roles:

Anupreet Singh : Scrum Master, Developer

Weston Cook: Product Owner, Developer

Noah Cantwell: Developer

Cole Anderson: Developer

Rodger Wang: Developer

Jason Zheng: Developer

Initial Task Assignment:

(User Story, Task)

Anupreet Singh: User Story 1, task 3

Weston Cook: User story 1, task 1

Noah Cantwell: User story 1, task 4

Cole Anderson: User story 2, task 1

Rodger Wang: User story 1, task 5

Jason Zheng: User Story 1, task 2

Initial Scrum Board:

[Jira](https://personalknowledgeengine.atlassian.net/jira/software/projects/PKE/boards/1)

Scrum Times:

Mondays: 8:30-9:30 PM

Wednesdays: 8:30-9:30 PM

Saturdays: 4-5 PM

