

Initial Product Backlog

# Features

Notes:

1. The conditions of satisfaction for these features must be identified by the team and approved by the product owner.
2. These features are listed in order of the product owner’s perceived business value (from highest to lowest), but are subject to negotiation.

As a sales representative I want Pirex to have a product-specific icon in the title bar so that we can create a brand identity.

As a sales representative I want Pirex to have a “Help” menu with an “About” item so that potential users can get basic information about the product (in a dialog box).

As an administrator I want to load text files from the file system on which Pirex is running so that I do not have to be connected to the internet.

As an administrator, I want to be able to load a sequence of text files so that I don’t have to restart Pirex for each text file.

As an administrator I want each opus to have a title, an author, and an ordinal number identifier.

As an administrator I want the title of an opus to be extracted automatically, if possible, so that I don’t have to do unnecessary data entry.

As an administrator I want the author of an opus to be extracted automatically, if possible, so that I don’t have to do unnecessary data entry.

As an administrator I want to be able to edit the title of an opus so that I can correct any defects that arose during the automatic extraction process.

As a user I want search results to be displayed initially in a *short form* so that I can see only the opus title, opus author, the document ordinal number, and the first line of the document.

As an administrator I want to be able to edit the author of an opus so that I can correct any defects that arose during the automatic extraction process.

As an administrator I want the loading process to be summarized when it is completed so that I can know the source file, opus title, opus author, opus ordinal number, number of documents extracted from the opus, the number of new index terms generated during the indexing operation, the number of new postings generated during the indexing operation, the total number of terms in the index, and the total number of postings in the index.

As an administrator I want to be able to view an opus summary that lists all the opuses currently saved in Pirex so that I can have information about the source text file names, opus titles, opus authors, opus ordinal numbers, the number of documents in the opus, the total number of index terms, and the total number of postings.

As an administrator, I want to be able to remove an opus so that I can reduce the size of the inverted index.

As a user and an administrator I want the default Pirex data store to be in the directory pirexData in the current working data so that it can be easily found.

As a user and an administrator I want to be able to change the location of the Pirex data store using the PIREX\_STORE environment variable to increase the flexibility of the product.

As a user I want Pirex to have an “Options” menu with a “Documents” item so that I can set the path to the document store for the current session (temporarily overriding the value in the PIREX\_STORE environment variable).

As a user I want Pirex to have an “Options” menu with a “Sources” item so that I can set the path to the source store (for the current session).

As a user I want Pirex to have a “Help” menu with an “Index” item so that I can get help on the various features of the system.

As a user I want Pirex to have a “File” menu with a “Save Query” item that allows me to save the current query so that I can perform it again in a future session.

As a user I want Pirex to have a “File” menu with a “Load Query” item that allows me to load a query that was saved during a previous session.

As a user I want Pirex to have a “File” menu with an “Exit” item that allows me to exit the program so that I don’t have to rely on the title bar controls.

As a user I want Pirex to have a “File” menu with an “Export” item that allows me to save search results in a human-readable file so that I can use them in other applications.