# Mandatory Functionality

* A data repository that stores and links together both structured and unstructured data for a vendor and their products. This type of information will be both in a structured and an unstructured format (e.g., PDF documents, etc.)
* A user-friendly interface that allows authorized users to enter, maintain and view the vendor and their associated product(s) data. What a user can do in the system depends on their assigned access rights.
* User profile setup and maintenance with the ability to specify which type of functionality they can do in the system (e.g., set up a new system record, maintain a system record, view information, etc.).
* Searching capabilities based on multiple user-selected criteria. Display the search results and be able to drill down into a specific result to get more details about the vendor and/or application.
* Be able to store and select a link to a vendor’s website.
* Be able to select and open a PDF document that is attached to a specific vendor and/or their product(s) from within the system so that it can be viewed online.

# Optional Functionality

* Create an on-line report that contains details of the selected system or systems. This report should be in PDF format and be able to be saved and/or printed. Optionally, create an Excel spreadsheet with the data.
* Identify when a new vendor entry is added to the system and when an existing vendor entry is updated. This can be done using a screen available in the system or by sending an email to users who indicate that they wish to receive one.
* Indicate when the information for a vendor should be reviewed based on the last review date entered. This can be done using a screen available in the system. The System Administrator should be able to specify the number of days from the current date after which the entry should be reviewed.
* If a specific vendor or product is selected, identify potentially similar applications (e.g., like the, “Frequently bought together”, functionality in Amazon.
* Allow users to leave comments for, and rate out of 5 stars, the vendor and/or specific  
  application. Be able to show the comments.

# **Optional** **Technology**

* Although the information is mostly taken from the public sphere, and this is not initially intended to be accessed by external parties beyond the company itself, you can look at how to use data encryption methodologies if it interests you.

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Automatisch generierte Beschreibung

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