[Attachment A]
ALL functional requirements

[RF01] CRUD users
The system must allow the manager to register users with name, admission date, CPF (Brazilian ID number), date of birth, address (ZIP code, Number, Complement, Street), role (manager, seller), two phone numbers and email.

[RF02] Access levels
The system must have two access levels with different functionalities, one for sellers and another for managers. Sellers can register sales, register customers, and consult information about merchandise. Managers can perform the same functions as sellers and, in addition, register merchandise, suppliers, users, categories, receive notifications about stock, create discount lists, and issue reports.

[RF03] Authorization of access
The system must request user authentication with username and password to allow access to its functionalities.

[RF04] CRUD purchased merchandise
The system must allow the manager to create, view, modify, and delete purchased merchandise with purchase date, merchandise lot, lot validity, quantity, supplier identification, merchandise name, category, and cost price.

[RF05] CRUD suppliers
The system must allow the manager to create, view, modify, and delete suppliers with name, CNPJ (Brazilian company ID number), category(ies) of the merchandise they supply, address (ZIP code, Number, Complement, Street), two phone numbers, and two emails.

[RF06] CRUD inventory merchandise
The system must allow the manager to create, view, modify, and delete inventory merchandise with name, description, barcode, lot, available quantity, maximum quantity, minimum quantity, category, and selling price.

[RF07] CRUD categories
The system must allow the manager to create, view, modify, and delete categories with name and description.

[RF08] Provide information about inventory levels
The system must allow the manager to view the current quantity of merchandise available in the inventory.

[RF09] Notify about inventory levels
The system must show notifications to the manager about merchandise that presents stock quantities close to the reorder point.

[RF10] Notify about expiration of batches
 The system must issue alerts to the manager informing which batches of medicines are close to expiration.

[RF11] CRUD sales
The system must allow the seller to create, view, modify, and delete sales made with the date of sale, goods sold, total value of the sale, and identification code of the employee who made the sale and customer (if registered in the system).

[RF12] CRUD customers
 The system must allow the user (seller or manager) to create, view, modify, and delete customers with name, CPF (Brazilian ID number), date of birth, two phone numbers, and two emails.

[RF13] Allow consultation of merchandise
The system must allow the seller to search for information about merchandise such as name, description, barcode, batch, available quantity, category, and selling price of a product. This search should be done based on the name, category, or code.

[RF14] Subcategories
The system must allow the search for two types of categories: Product Category (whether it is a medicine or other commercial item, such as sanitary pads and shoes) and Medicine Category (prescription or non-prescription drugs).

[RF15] CRUD discount lists
The system must allow the manager to create a discount list for a particular category of products with start date, end date, discount percentage, and sale within a certain date specified by the user.

[RF16] Product ranking
The system must allow the manager to view the list of best-selling products in the specified period.

[RF17] Generate sales history
The system must generate reports on sales made in a certain period (specified by the manager) containing the dates of sales, items sold, total values, identification of employees, and customers (if registered in the system).

[RF18] Generate reports on purchases per customer
The system must allow the manager to generate a history of purchases made by registered customers, with information on values, items, dates, receipts, based on the period specified by the manager.

[RF19] Customer ranking
The system must allow the manager to view the list of registered customers who made the highest sales volume in the specified period.

[RF20] Generate reports on employees
The system must allow the manager to generate reports on the history of sales made by employees, including total values, items sold, and buyers.