Diagram, schematic

Description automatically generated

The class diagram represents the four actors, pharmacist, manager, admin and patient in relevance to four classes including stock, prescription, product, and order. It is observed that the features and functions of each character and class have been identified. String indicates letters and int indicates numbers. The lines indicate the relationship between two features. The crow-end indicates more than one and not one or once. Meaning if a line ends with a crow, it shows it can be done by many people or done many times. But if the line ends with two parallel lines it can only be done one at a time or by one person. For example, a pharmacist can prescribe many prescriptions, but each prescription can be handled (composed, deleted or edited) by one pharmacist. An admin can search and manage (add, delete) many products and each product can be searched or managed by many admins (more than one).