- Example

Students will use the library information system to search for book titles and to see whether a book is available or not. A student can also access the system to reserve a book if all copies are checked out. In all cases, a student must first login to the system before doing these tasks.

Clerks also use the system, when students bring books to the circulation desk, clerks check out the books on a loan. Clerks also check books in when books are dropped in the return slot. An optional message may be sent to the student upon his request.

- Example

Develop a mobile application to allow the user to make a call and send a text message. In the case of sending a message, the user presses the "messages" button; a suitable interface is presented to the user, which allows him/her to enter the text and the receiver contact number. Once finished, the user must press the "done button" to send the message. The user can also set Time and Date using the mobile application. Finally, the user must pay fees to the service provider; the user makes payment by filling in all the required details of his/her valid credit card. The bank system then validates the payment and credits his account.

- Example

Assume an online Banking System where its main purpose is to keep track of all customers transactions. In this system, a customer must first open or create an account to make transactions. Once the account is opened successfully, the customer can deposit, withdraw, or transfer money. In all cases, the system checks the customer balance, makes the transaction, and then updates the customer balance. Customers can also update their information through this system. To do this, the customer provides the new information, which will be validated, and then updated the customer information.

- Example

Assume the BIO system where its main purpose is to keep track of all student's information. There are two types of users: a student who must login to the system to view his marks, download the courses material, and update his information.

The second type of users is Instructors, who must login to the system to upload the marks either by directly entering the marks or uploading an excel file with the marks. In the case of successful uploading, a confirmation message is sent to the instructor.

- Example5

A furniture company has recently decided to release mobile app in order to automate ordering process.

The company sells two types of furniture that are indoor and outdoor. Each of them should be in different order. In order to start shopping, each customer must create an account using his/her email and password. The customer then login to start the shopping process, where an indoor or outdoor furniture can be ordered, and once customer finished from ordering, the customer does payment for the company.