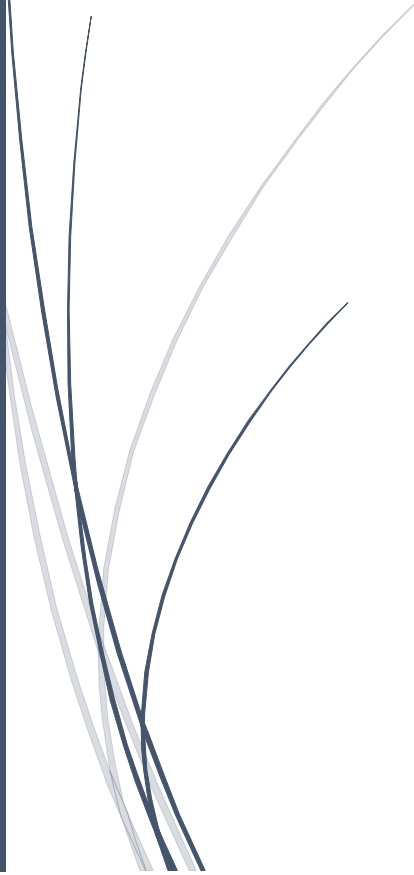




2016

Pharmacy Management System



Group – 3S

Team members :- M.Kausik - 2014csc010

S.Jathurshan - 2014csc003

A.Tharsikan -2014csc036

Cholaka Lahiru – 2014csc034

Sahan Tilekaratne – 2014csc030

Mentor - Dr.A.Ramanan

Blog :- [**https://pharmacy3s.blogspot.com**](https://pharmacy3s.blogspot.com).

Group -3S

Introduction:

We are going to design a pharmacy management system. We are designing it to managing the pharmacy related works with the use of information technology system. This software will help to manage the pharmacy related works efficiently. It helps to reduce the time consuming by the pharmacy related works.

Stakeholders:

- Pharmacist.
- Staffs.
- Receptionists.
- Patients.
- Website Administrator.
- Online Users.

Functional requirements:

- Generates report weakly on information about the drugs and it exports the information as output document.
- Stores the detail information about each medicine including actual name, formula of medicine and for which diseases is required.
- When the user search the item on search bar the related things were displayed in the screen and can select the actual item that the user needs.
- Give an alert message when the medicine outdated.
- Give an alert for the user when medicine item is low.
- Prepare bill for the medicine.
- Managing the stocks.
- Expiry date alert will come to the system.

Non-Functional requirements

- It has the instruction menu to explain users about how to use it.
- It is available based on the user needs (work properly, do transactions efficiently including safe data management of the pharmacy)

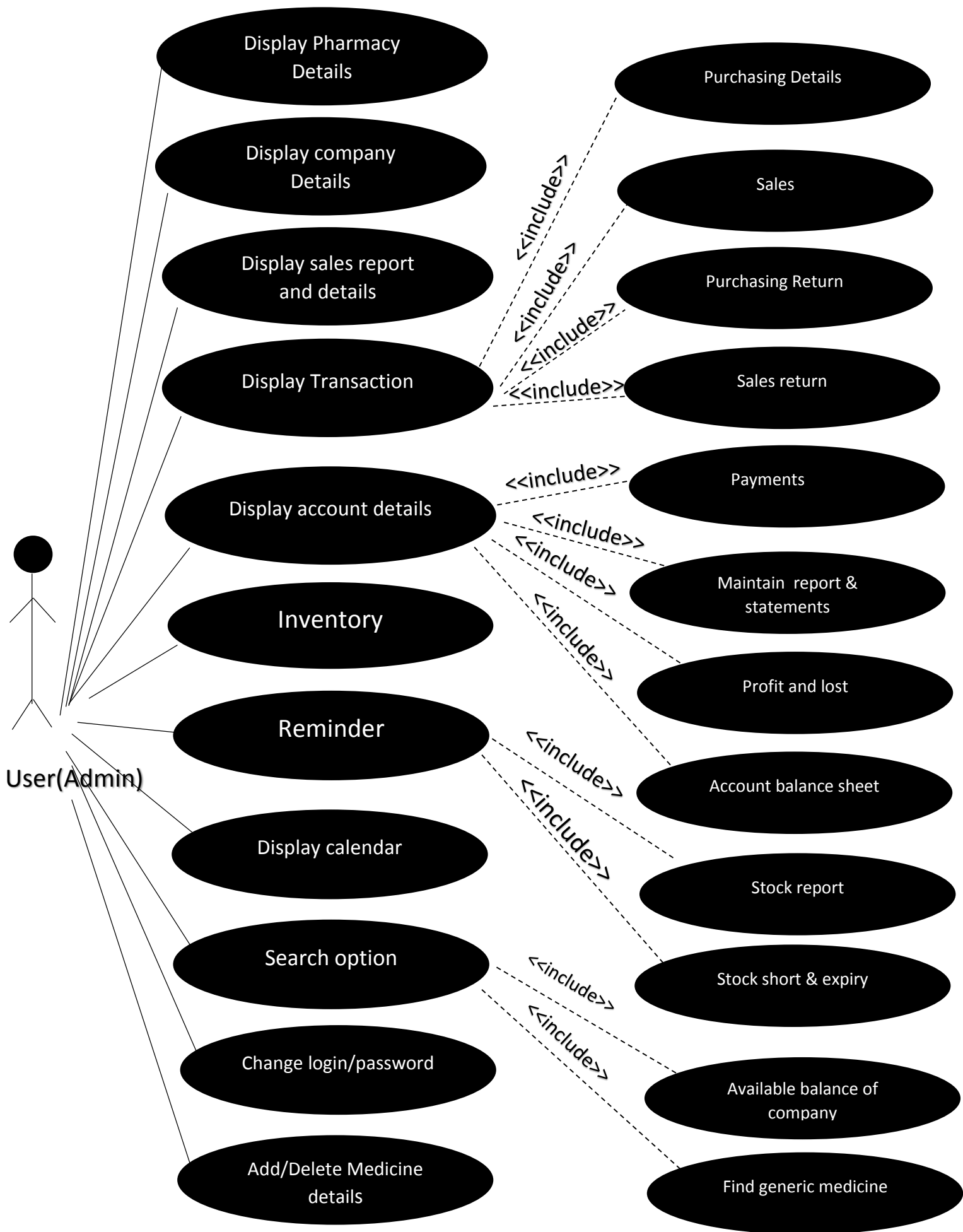
- Pharmacy system is password protected to change things on the system.
- Data is protected and controlled by the administrator.
- The owner can handle all the data without any permission.

Gathering requirements

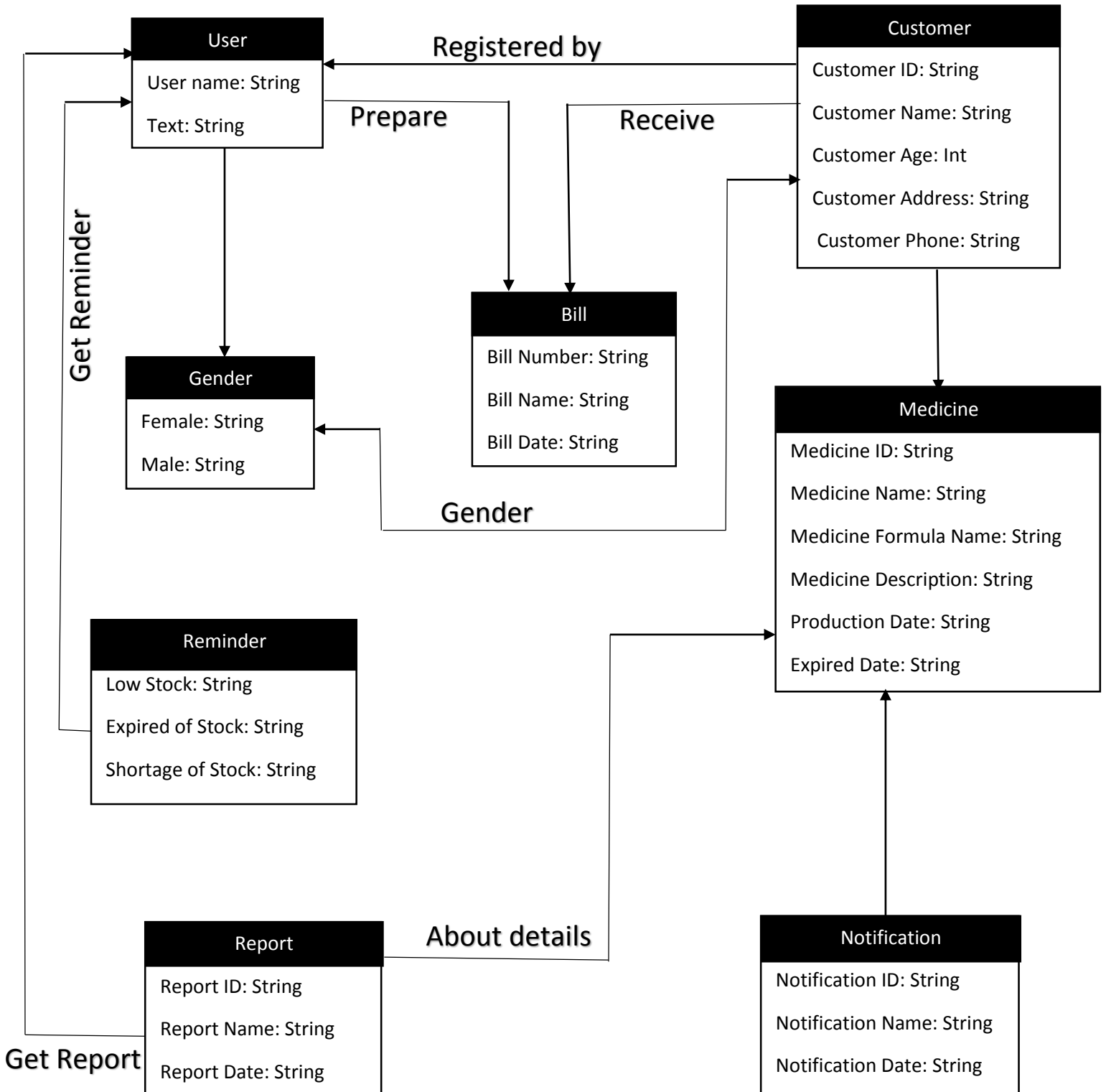
We communicate with the client and end-users to know their ideas on what the software should provide and which features they want the software to include.

- Interviewing
- Survey
- Modeling in the agile methodology

Use-case diagram/s for the whole scenario

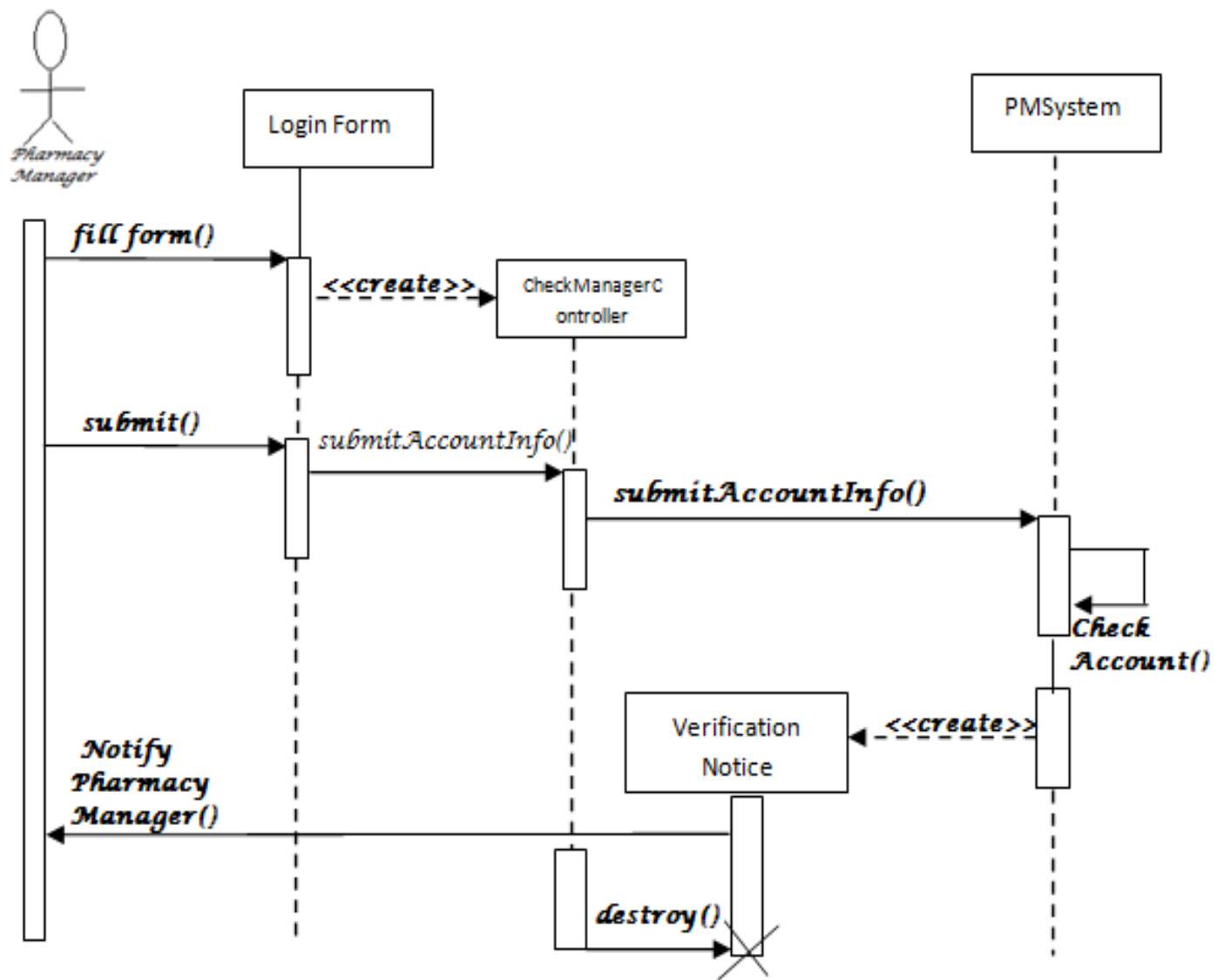


Class Diagram for pharmacy management system

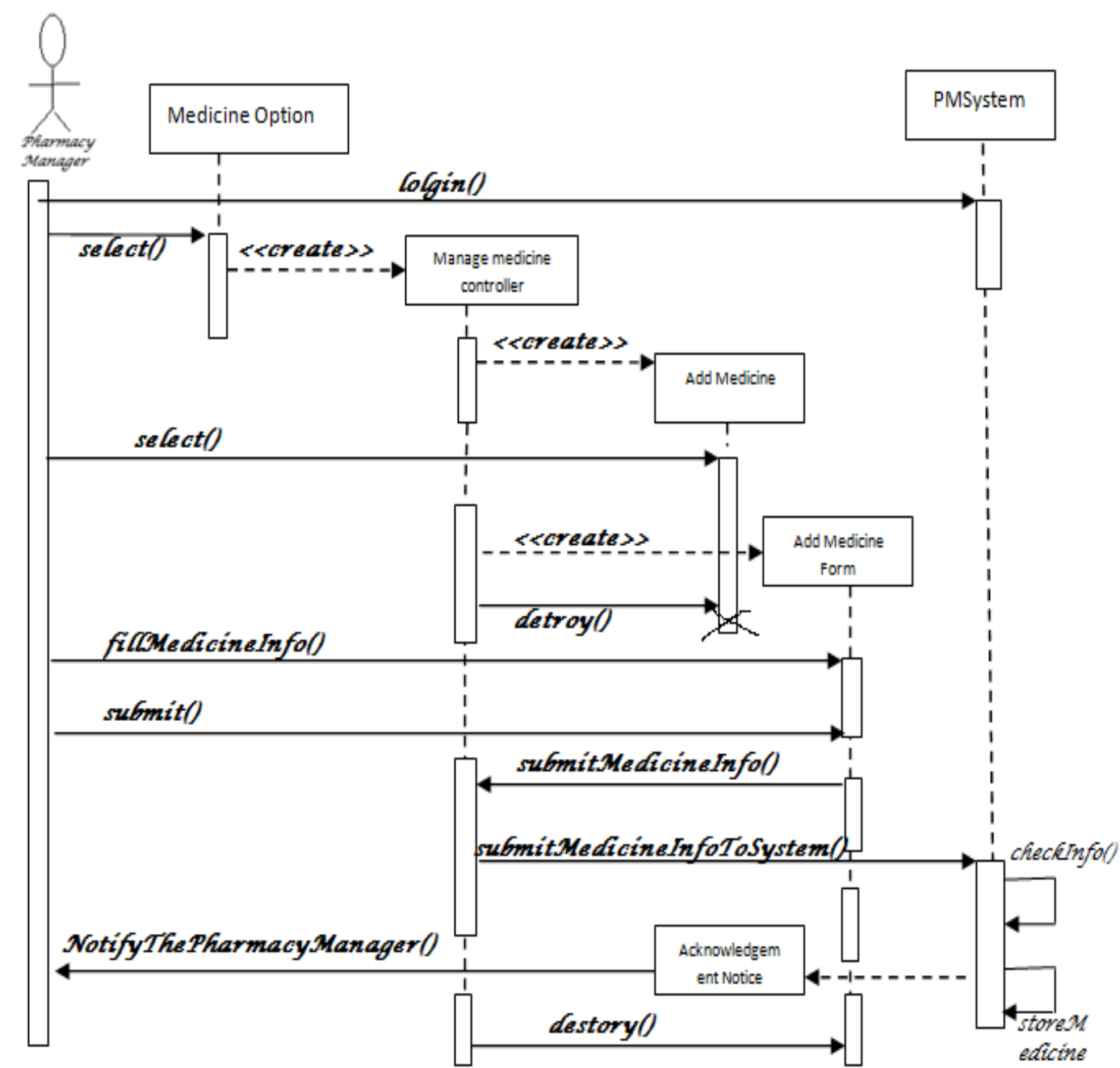


Sequence diagrams

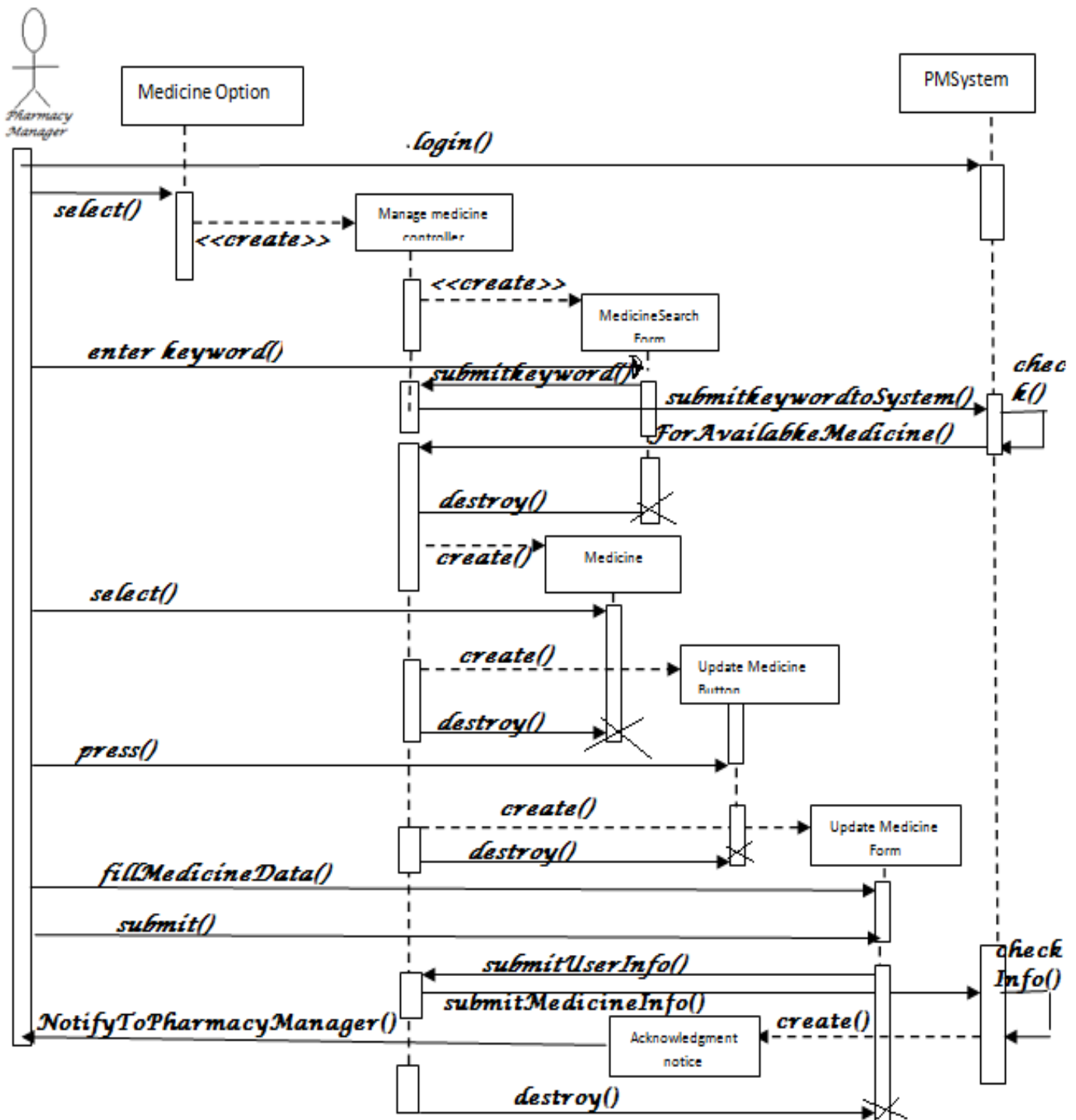
1. Sequence diagram for Login into the system



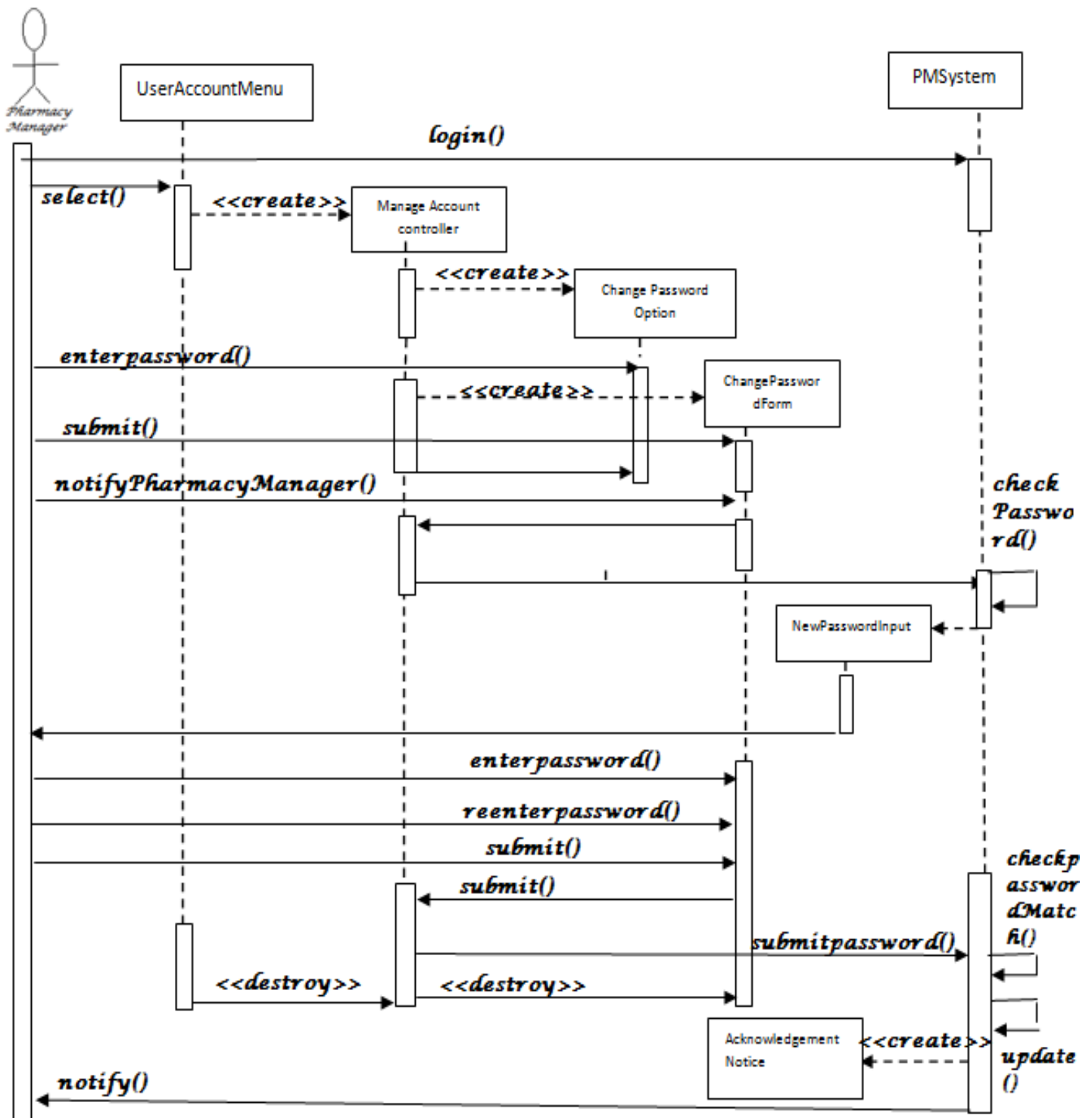
2. Add new medicine data.



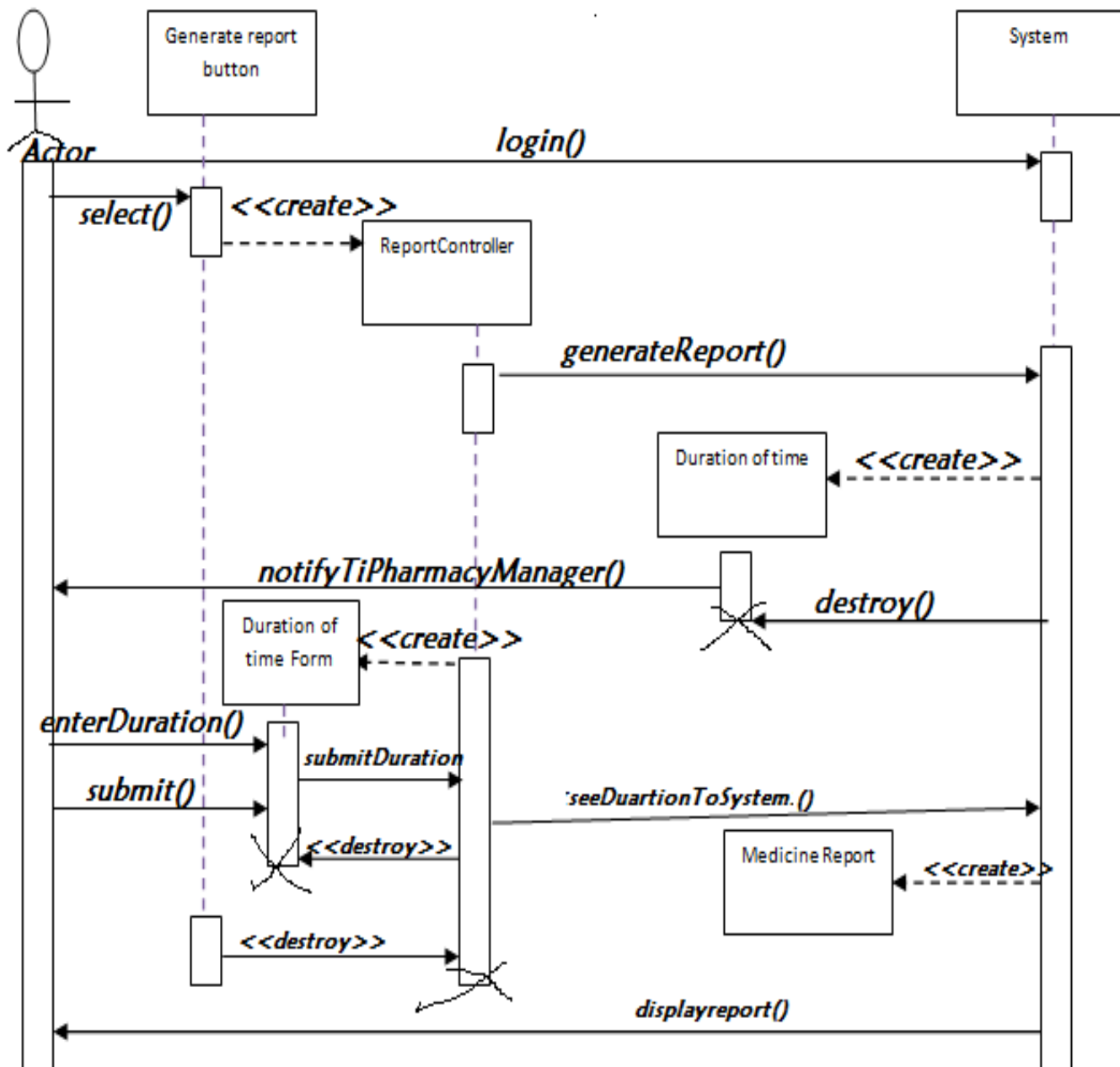
3. Update medicine data.



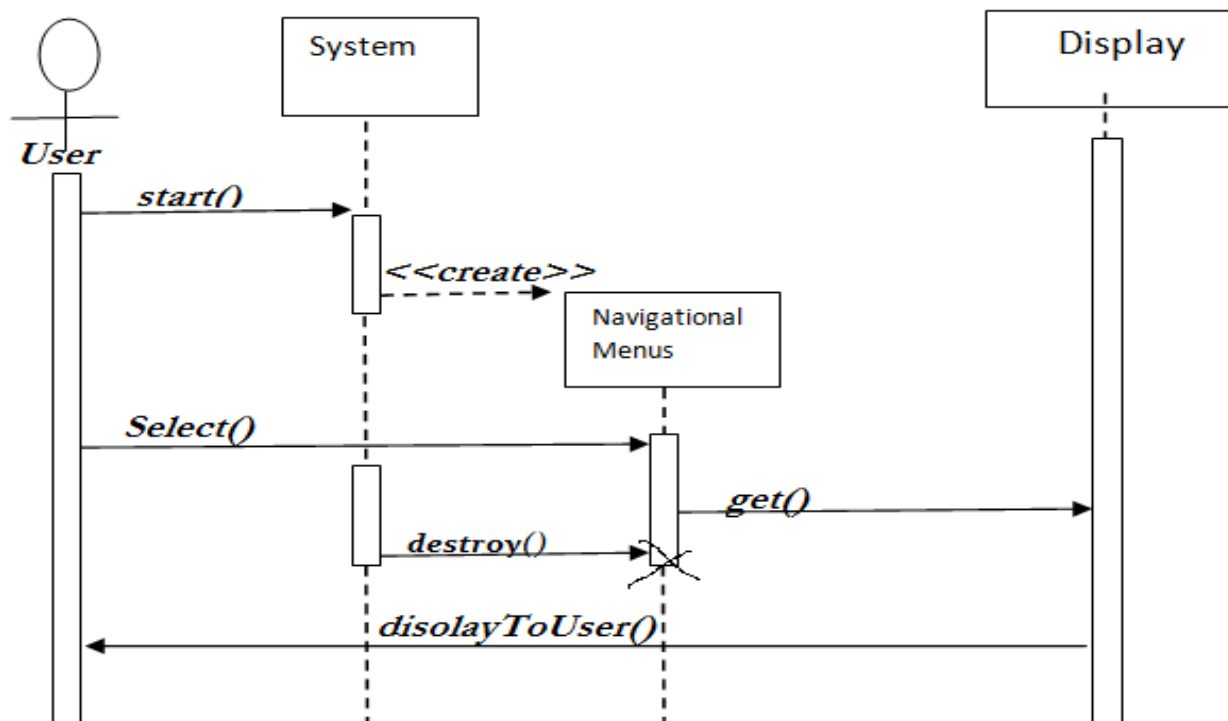
4. Change login password



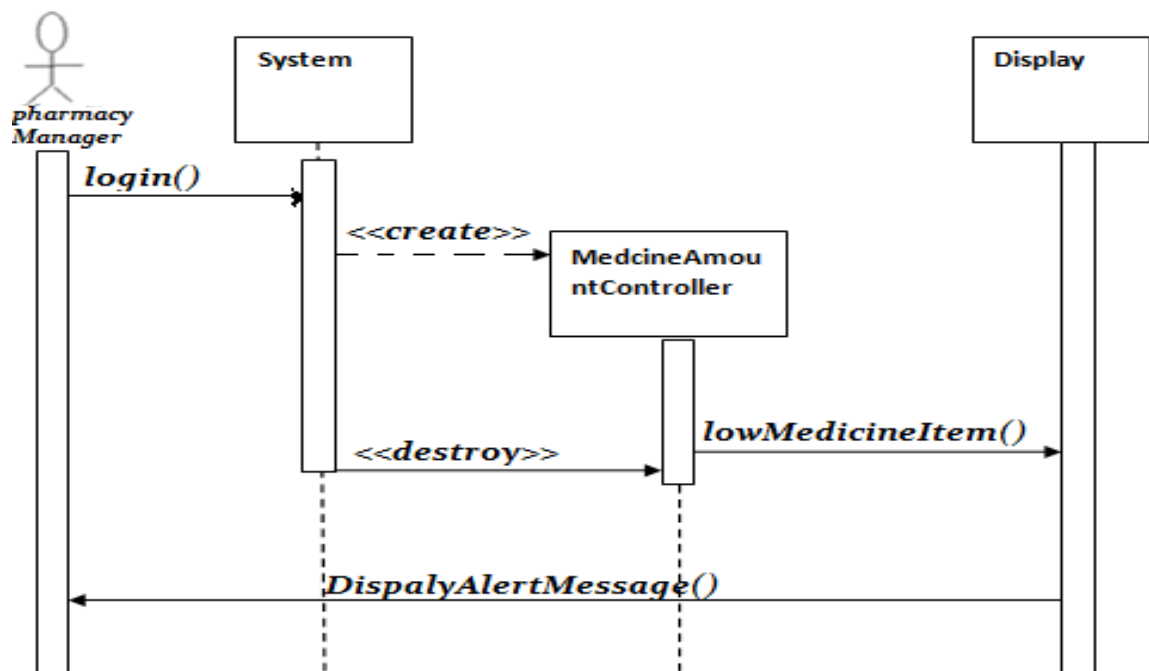
5. Generate Report



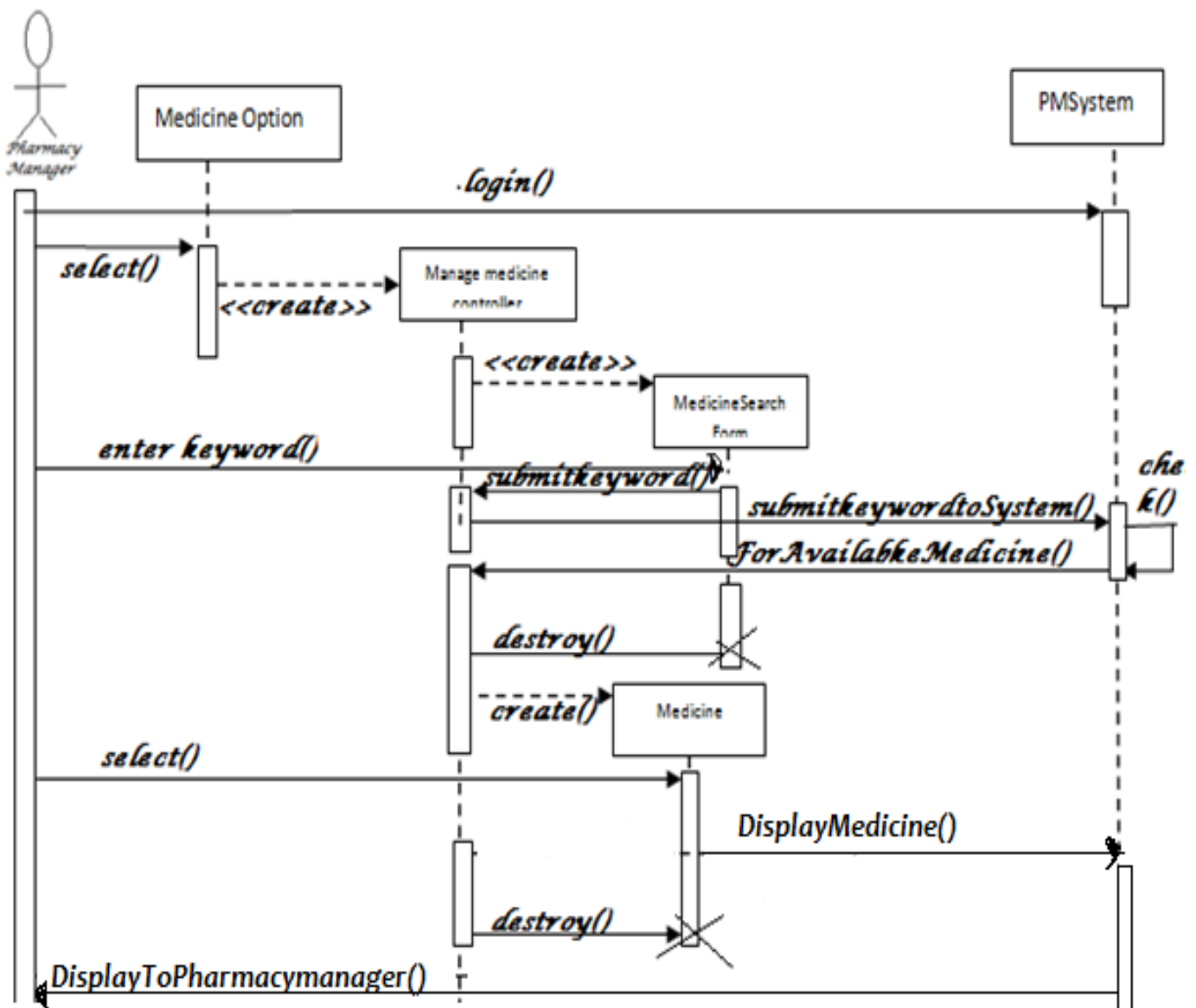
6. Get Information about pharmacy



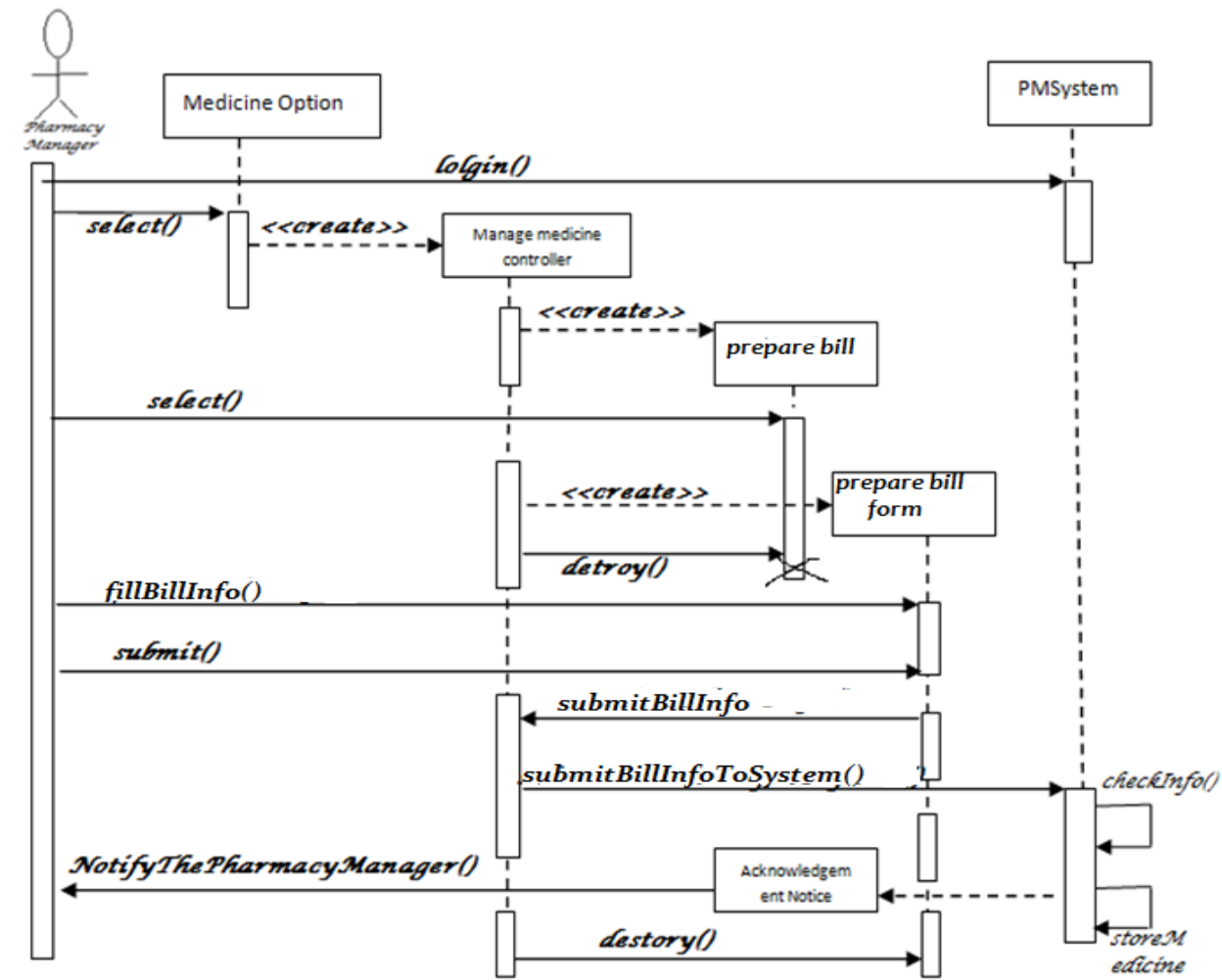
7. Receive notification



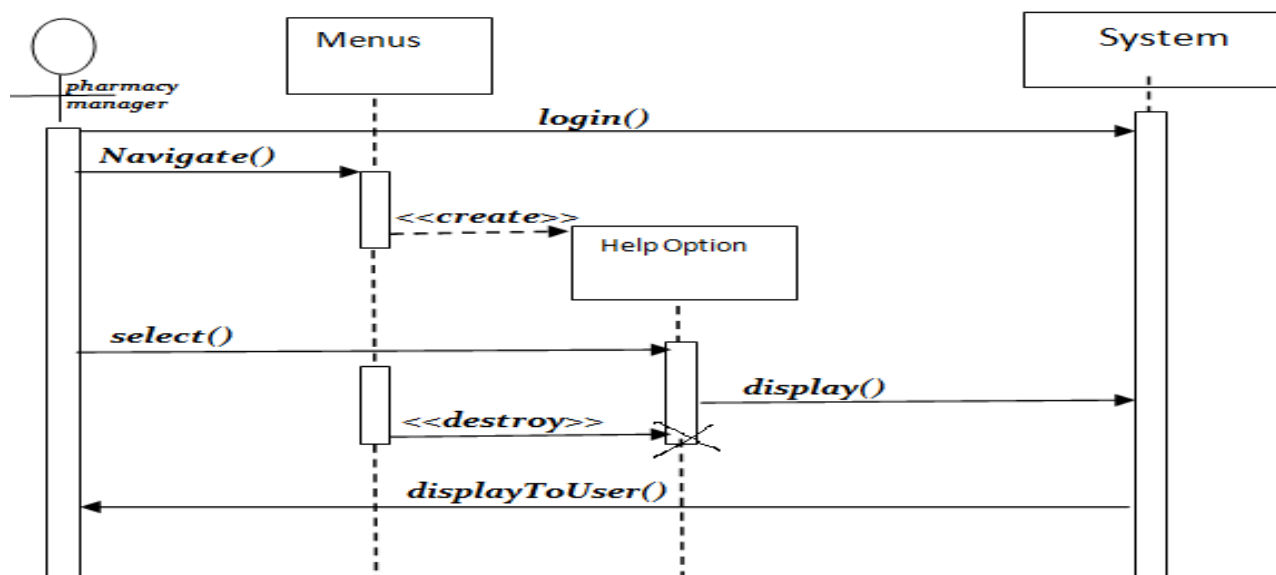
8. Search Medicine



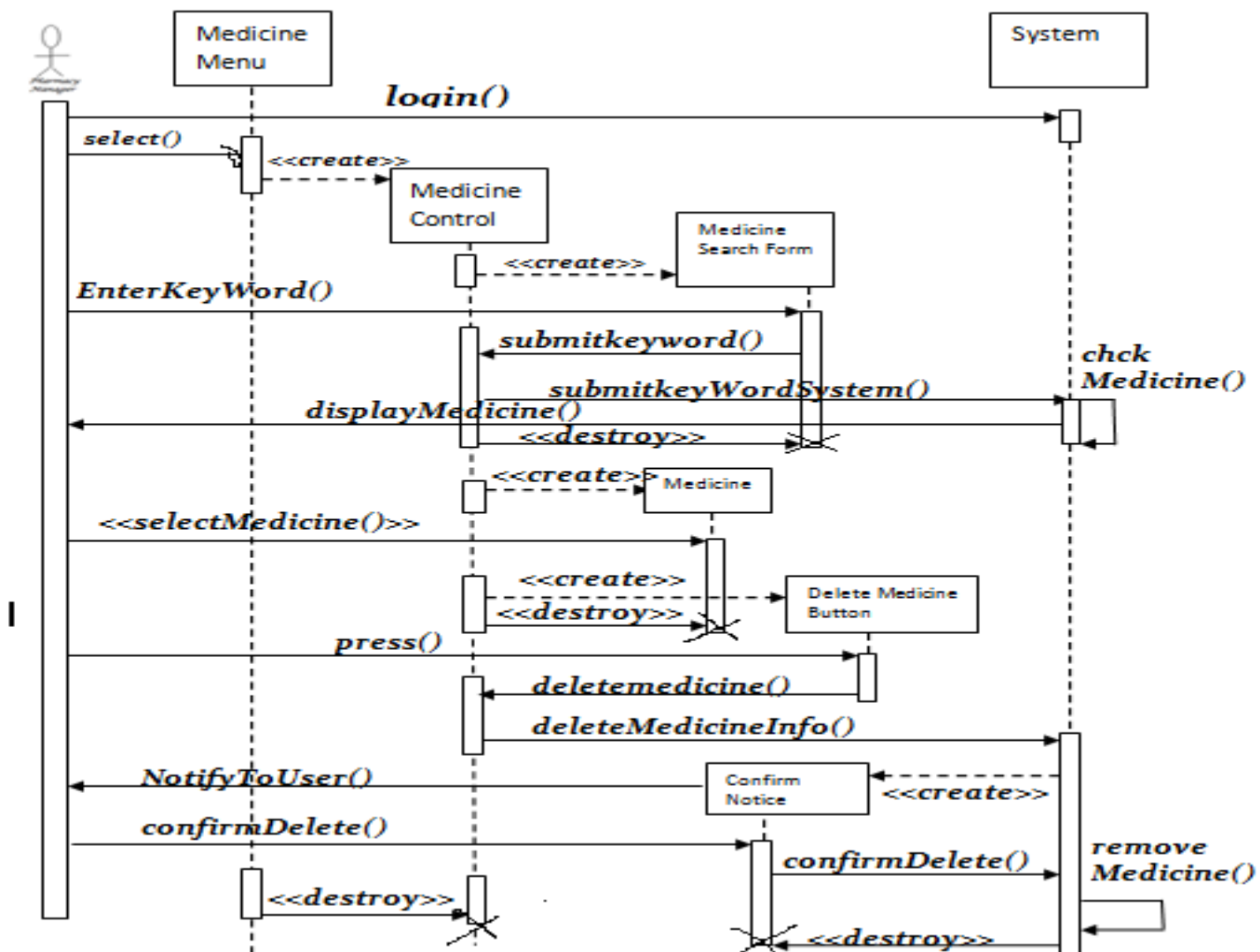
9. Prepare bill for medicine



10. See System instruction.



11. Delete medicine



Client Information

Name :- RVG Pharmacy

Address :- No.504,Hospital Road ,
Jaffna

Phone no:- 021-2222129

Shop REG No : -14549