

Medical store management system

SRS Scenario Writing

Consider a web based system where medical store authority can manage their work easily.

Scenario 1a

Admin can login the system

1. Admin will enter the system.
2. Admin will login by using username and password.
3. Admin login successful.

Scenario 1a.1

If admin can not login the system

1. Admin have to collect the master password.
2. Admin will login by using username and password.
3. Then the admin can login.

Scenario 1b

Add user

1. Admin can add specific user
2. Admin have to complete the profile information on behalf of the user
3. Admin can add user as many as he/she wants

Scenario 1c

Admin can remove the user from the system.

1. Admin login the system.
2. Admin will find the specific user.
3. Then the admin removes the user from the system.

Scenario 1d

Admin can add multiple companies

1. Admin login the system
2. Admin give the company details .
3. Then the admin will insert the company in the system.

Scenario 1e

Admin can delete the company from the system.

1. Admin will enter the company section.
2. Then the admin will find the specific company.
3. Then the admin can delete the company from the system.

Scenario 1f

Admin can add multiple medicine's names and quantities.

1. Admin login the system
2. Admin give the medicine and quantity details .
3. Then the user will insert the medicine and quantity in the system.

Scenario 1g

User and admin can make new sales

1. login the system
2. Select medicine and give quantity
3. Then they can sell the medicine .

Scenario 1h

Admin and user can see the sales records

1. Admin and user enter to the sales record option
2. Then they can see the sales records.

SRS Documentation

Stakeholders:

Admin

User

FR001	Login
Description	Admin can login the system with a master password .User can login the system using own username and password which will be provided by the admin.
Stakeholder	Admin,user

FR002	Add user
Description	In the system only admin can add specific users .Then the user can use the whole system.user can not add himself by own.
Stakeholder	Admin

FR003	Remove user
Description	Admin can remove any of the user from the system
Stakeholder	Admin

FR004	Add companies
Description	Admin have to provide the company information and then the user can add companies to the system .
Stakeholder	Admin

FR005	Delete company
Description	If admin thinks that the company have no relation with the store then the admin can delete the company from the system
Stakeholder	Admin

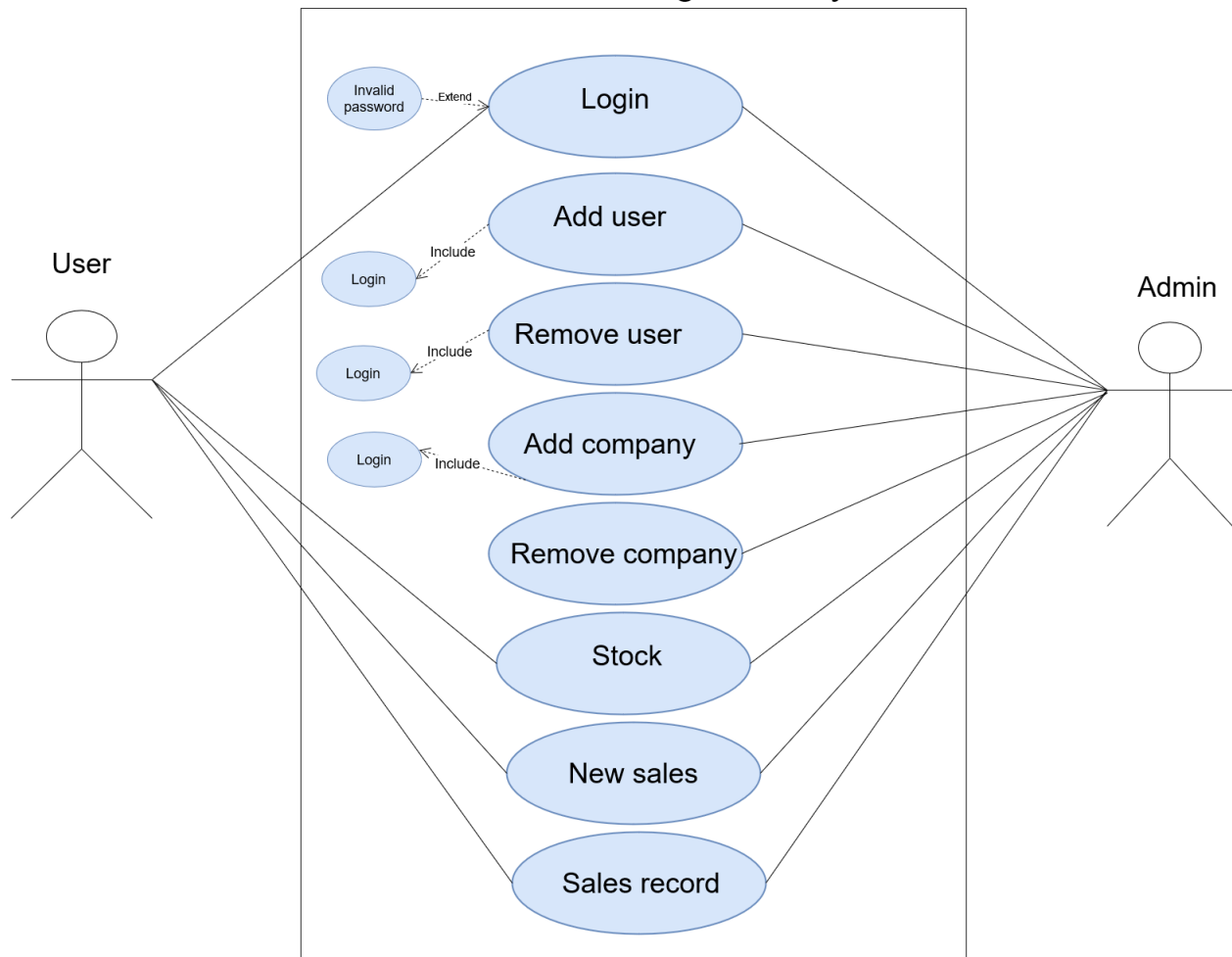
FR006	Stock
Description	Admin and user can insert and update the stock of medicine's name and quantities.
Stakeholder	Admin,User

FR007	New sales
Description	Admin and user can make new sales .
Stakeholder	Admin,User

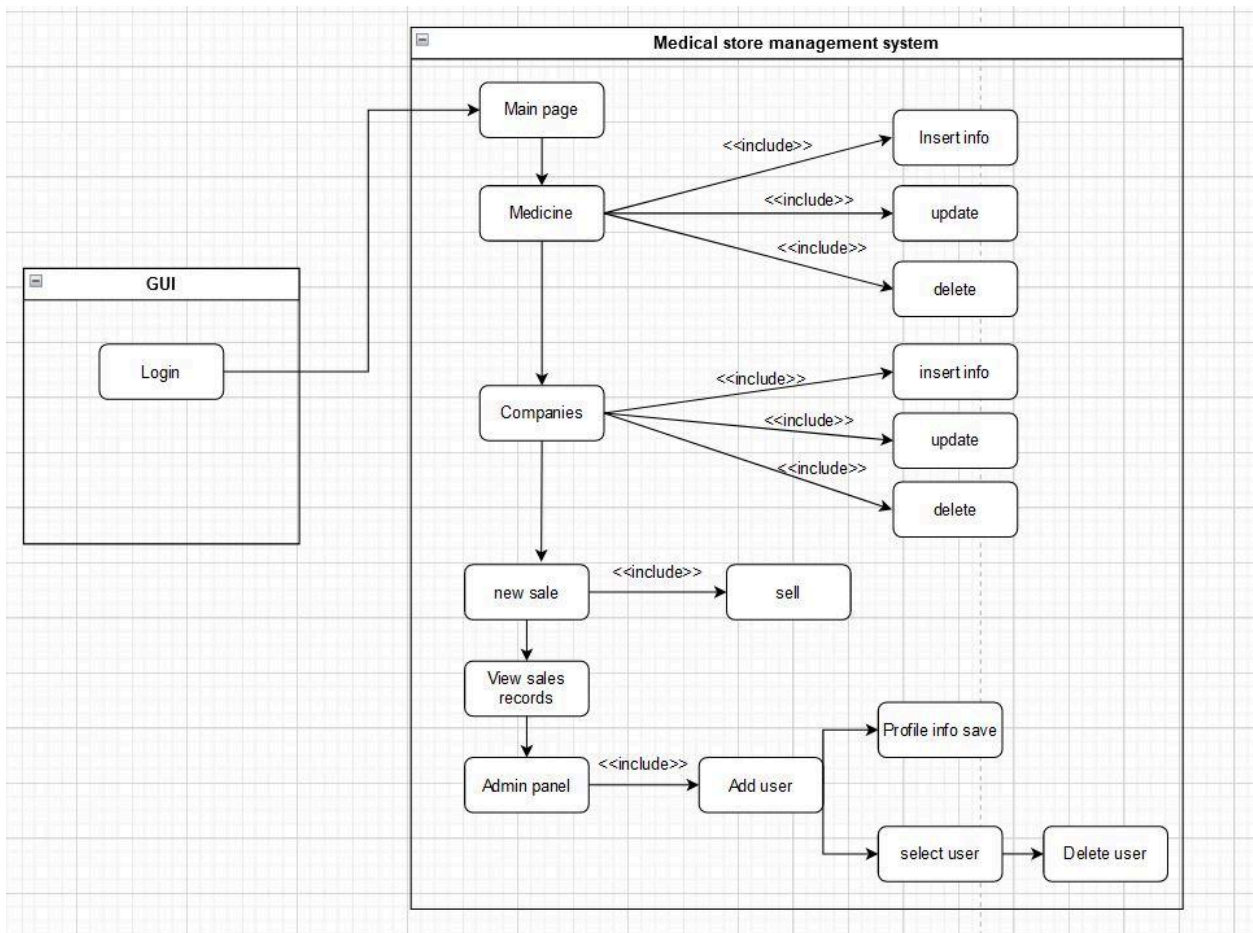
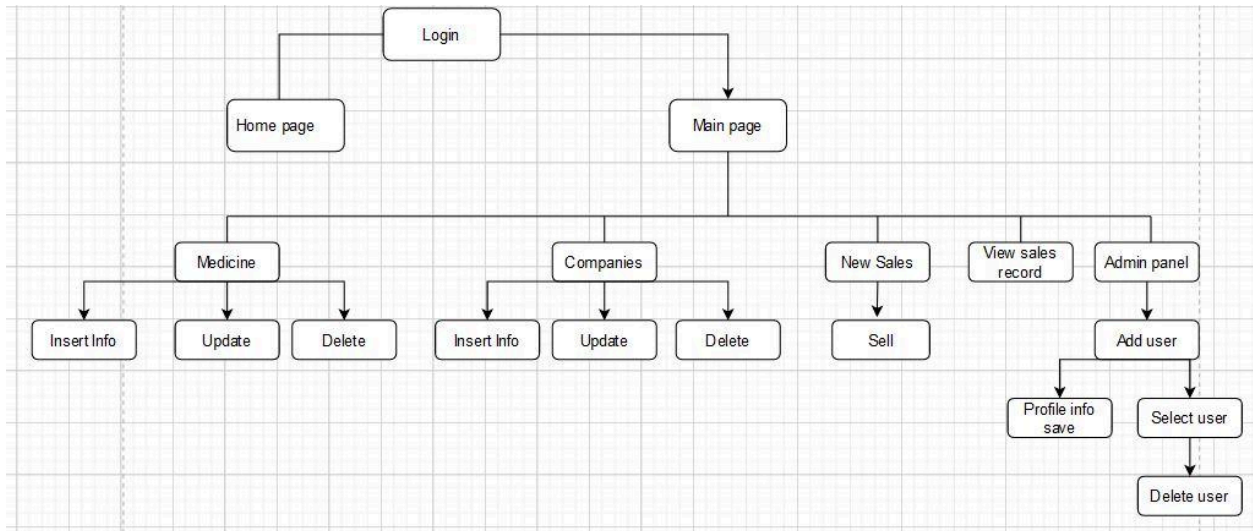
FR008	Sales record
Description	Admin and user can see the sales records with proper details of medicine's name and quantities.
Stakeholder	Admin,User

Use case

Medical store management system



Block Diagram



Case Description

Use Case	Login	
Goal	Login to the system.	
Preconditions	Admin done the registration on behalf of the user and give the username and password to the user.	
Success End Condition	Complete login	
Failed End Condition	Cannot login to theSystem	
Primary Actors:	User	
Secondary Actors:	Admin	
Trigger	Request for login.	
Description / Main Success Scenario	1.	User will Collect the username and the password from admin.
	2.	Admin uses the master password for login
	3.	User fill up the box of username and password correctly.
	4.	Login successful.
Alternative Flows	2a.	If the username or password is incorrect system will show a message “invalid password or username”.
	2b.	Then try to login the system again.
Quality Requirements	Have to complete in 30 seconds	

Use Case	Add user	
Goal	Add new user to the system	
Preconditions	Need to login.	
Success End Condition	Added successfully	
Failed End Condition	Can not added	
Primary Actors:	admin	
Secondary Actors:		
Trigger	Request for add user.	
Description / Main Success Scenario		
	1.	Admin will add user only
	2.	Admin will add the user info to the system
	3.	Add will be completed
Alternative Flows		
	2a.	If add operation failed
	2b.	Start the add operation from begining
Quality Requirements	Have to complete in 30 seconds	

Use Case	Remove user	
Goal	Remove the specific user from the system	
Preconditions	User must be added to the system	
Success End Condition	Removed successfully	
Failed End Condition	Removed failed	
Primary Actors:	Admin	
Secondary Actors:		
Trigger	Request for remove user	
Description / Main Success Scenario		
	1.	Admin will enter the admin panel
	2.	Select the specific user
	3.	And remove from the system
Alternative Flows		
	1a.	If admin can not enter the admin panel
	1b.	Than admin will login the system and than enter the admin panel
Quality Requirements	Have to complete in 30 seconds	

Use Case	Add company	
Goal	Add new company to the system	
Preconditions	Admin have to login to the system.	
Success End Condition	Added successfully.	
Failed End Condition	Added failed	
Primary Actors:	Admin	
Secondary Actors:		
Trigger	Request for add company	
Description / Main Success Scenario		
	1.	Admin will enter the company option
	2.	Admin fill up the company details section
	3.	Then Admin can add a company to the system
Alternative Flows		
	2a.	If user can not add a company
	2b.	Admin have to login again ,then start the company adding process again.
Quality Requirements	Have to complete in 20 seconds	

Use Case	Delete company	
Goal	Delete a company from the system	
Preconditions	Login is mandatory	
Success End Condition	Deleted successfully	
Failed End Condition	Delete failed	
Primary Actors:	Admin	
Secondary Actors:		
Trigger	Request for delete	
Description / Main Success Scenario		
	1.	Admin will enter the company option
	2.	Admin find the company they want to delete from the system.
	3.	Click on the company and press the delete button.company will be deleted from the system.
Alternative Flows		
	3a.	If company can not found
	3b.	Then search the company by name .
Quality Requirements	Have to complete in 30 seconds	

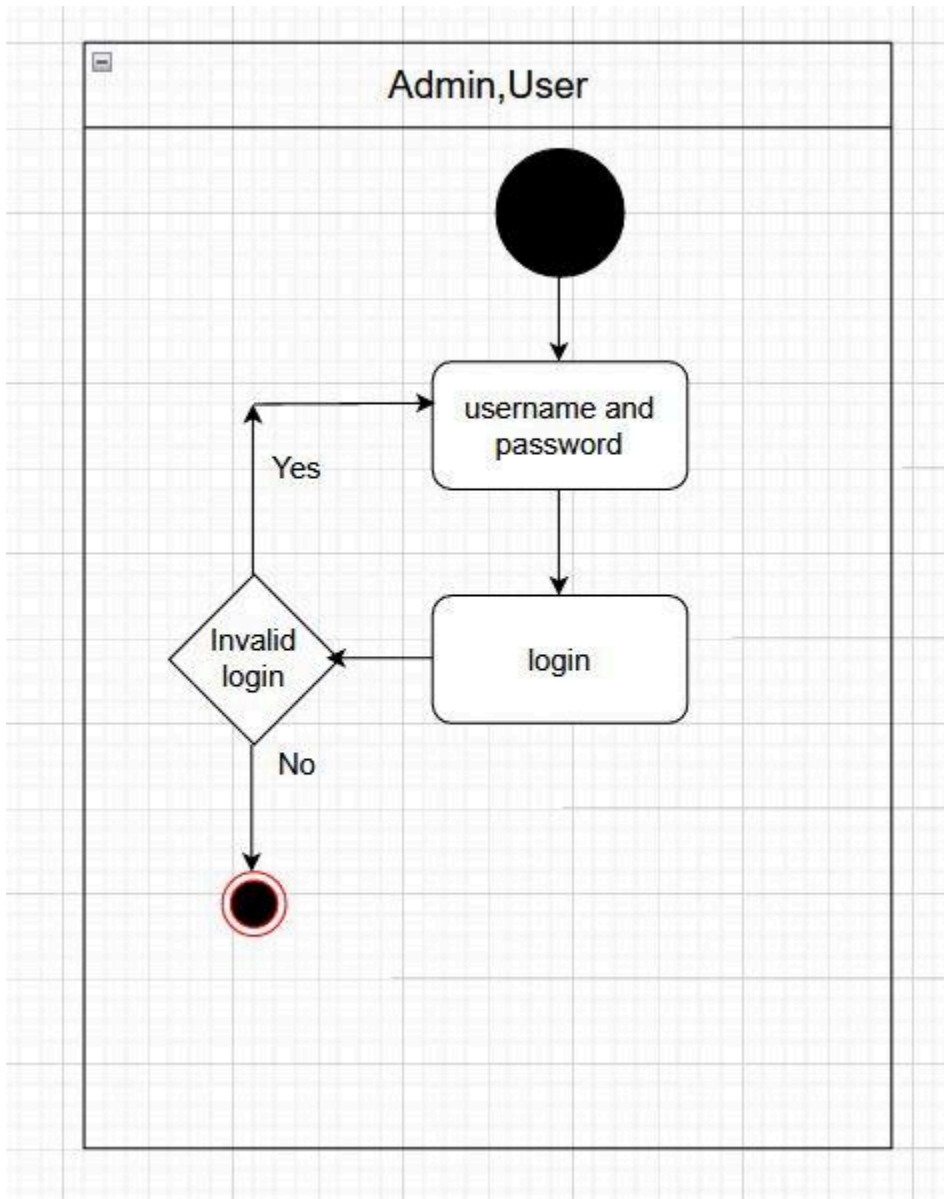
Use Case	Stock	
Goal	Check the medicine stock in the store	
Preconditions	Company must be added to system before check the stock	
Success End Condition	Stock checked	
Failed End Condition	Stock check failed.	
Primary Actors:	User	
Secondary Actors:	Admin	
Trigger	Request to check stock	
Description / Main Success Scenario		
	1.	User or admin can check the stock of medicine quantity.
	2.	User or admin have to enter the medicines section
	3.	User or admin find the company and check the stock of medicines
Alternative Flows		
	2a.	If user can not check the stock
	2b.	User have to login again.
Quality Requirements	Have to complete in 30 seconds	

Use Case	New sales								
Goal	Sell medicines								
Preconditions	Login to the system as a user or admin								
Success End Condition	Sold successfully								
Failed End Condition	Not sold								
Primary Actors:	User								
Secondary Actors:	Admin								
Trigger	Request for sell medicines.								
Description / Main Success Scenario	<table border="1"> <tr> <td>1.</td><td>Login to the system as a user or admin</td></tr> <tr> <td>2.</td><td>Select the option new sales</td></tr> <tr> <td>3.</td><td>Select medicines and give the quantity of medicines want to sell</td></tr> <tr> <td>4.</td><td>click to sell. The operation is done</td></tr> </table>	1.	Login to the system as a user or admin	2.	Select the option new sales	3.	Select medicines and give the quantity of medicines want to sell	4.	click to sell. The operation is done
1.	Login to the system as a user or admin								
2.	Select the option new sales								
3.	Select medicines and give the quantity of medicines want to sell								
4.	click to sell. The operation is done								
Alternative Flows	<table border="1"> <tr> <td>3a.</td><td>If can not find medicines</td></tr> <tr> <td>3b.</td><td>Find the medicines from search box.</td></tr> </table>	3a.	If can not find medicines	3b.	Find the medicines from search box.				
3a.	If can not find medicines								
3b.	Find the medicines from search box.								
Quality Requirements	Have to complete in 30 seconds								

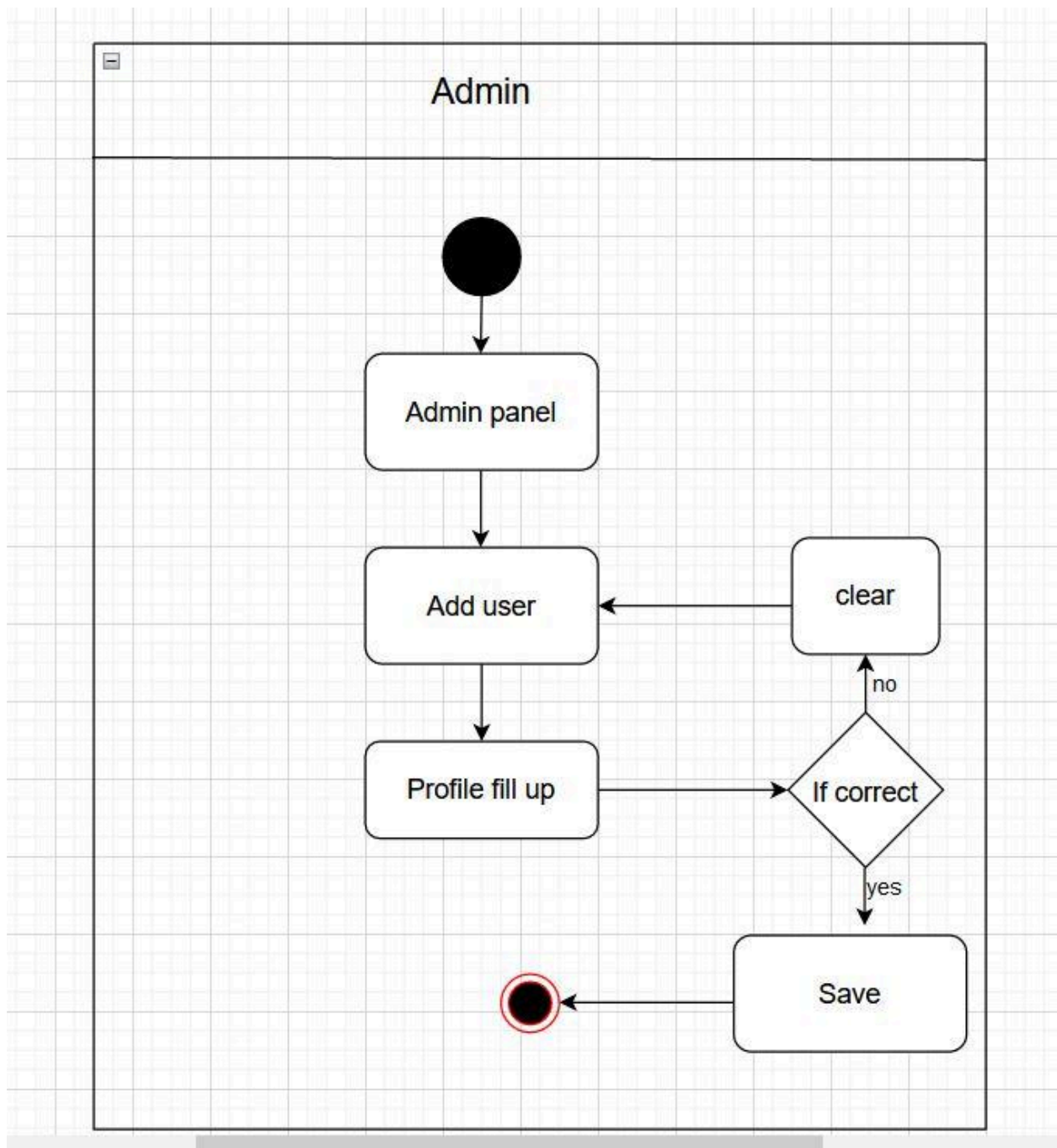
Use Case	Sales Record							
Goal	View the sales record of the store							
Preconditions								
Success End Condition	Sales record checked							
Failed End Condition	Sales record check failed							
Primary Actors:	User							
Secondary Actors:	admin							
Trigger	Request to check sales records							
Description / Main Success Scenario	<table><tr><td>1.</td><td>User and admin can see sales record</td></tr><tr><td>2.</td><td>Enter to the sales record option</td></tr><tr><td>3.</td><td>View all the records of previous sales records.</td></tr></table>		1.	User and admin can see sales record	2.	Enter to the sales record option	3.	View all the records of previous sales records.
1.	User and admin can see sales record							
2.	Enter to the sales record option							
3.	View all the records of previous sales records.							
Alternative Flows	<table><tr><td>2a.</td><td>If records are empty.</td></tr><tr><td>2b.</td><td>Then sell a medicine and than try to watch the sales record</td></tr></table>		2a.	If records are empty.	2b.	Then sell a medicine and than try to watch the sales record		
2a.	If records are empty.							
2b.	Then sell a medicine and than try to watch the sales record							
Quality Requirements	Have to complete in 30 seconds							

Activity Diagram

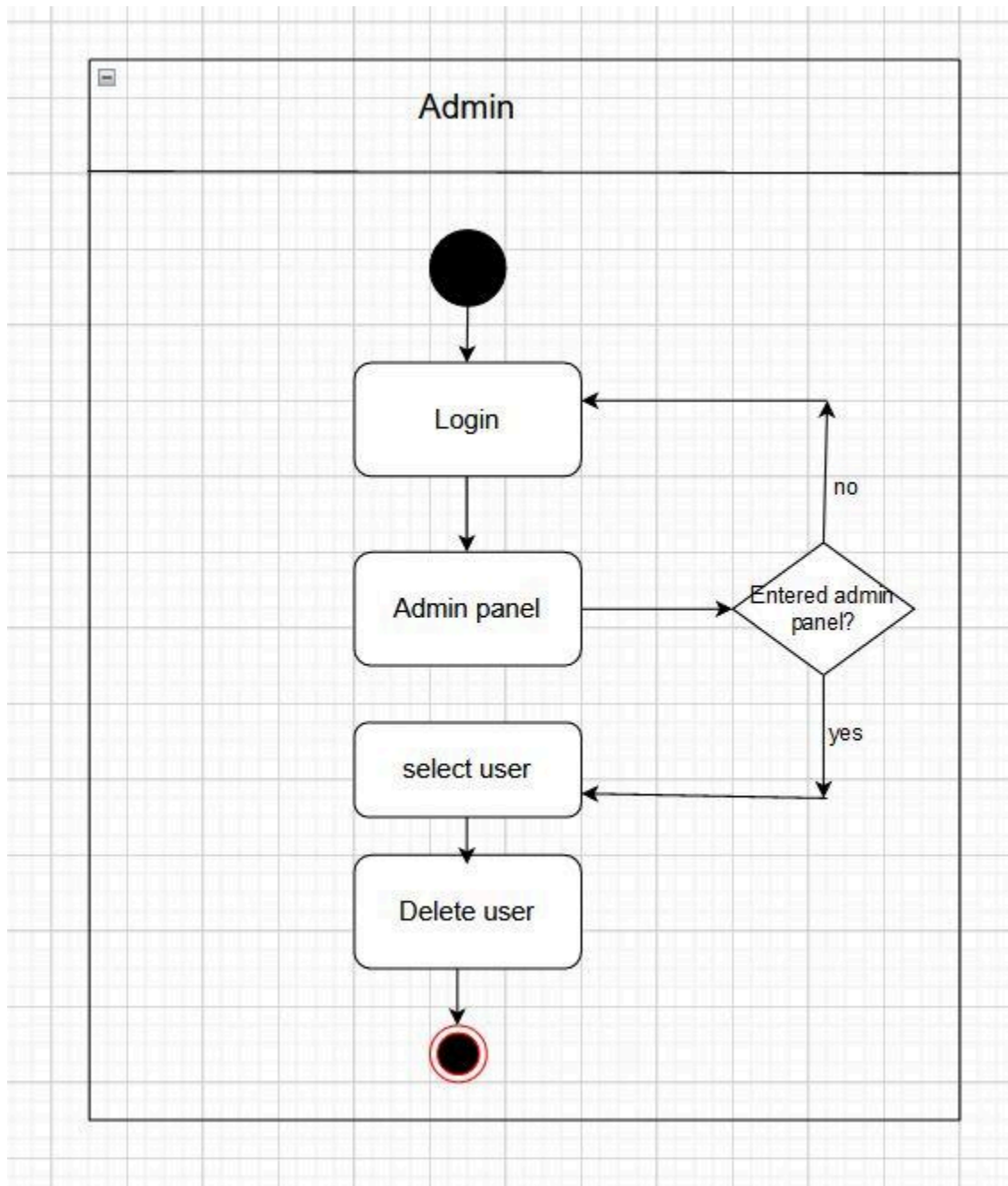
1.Login



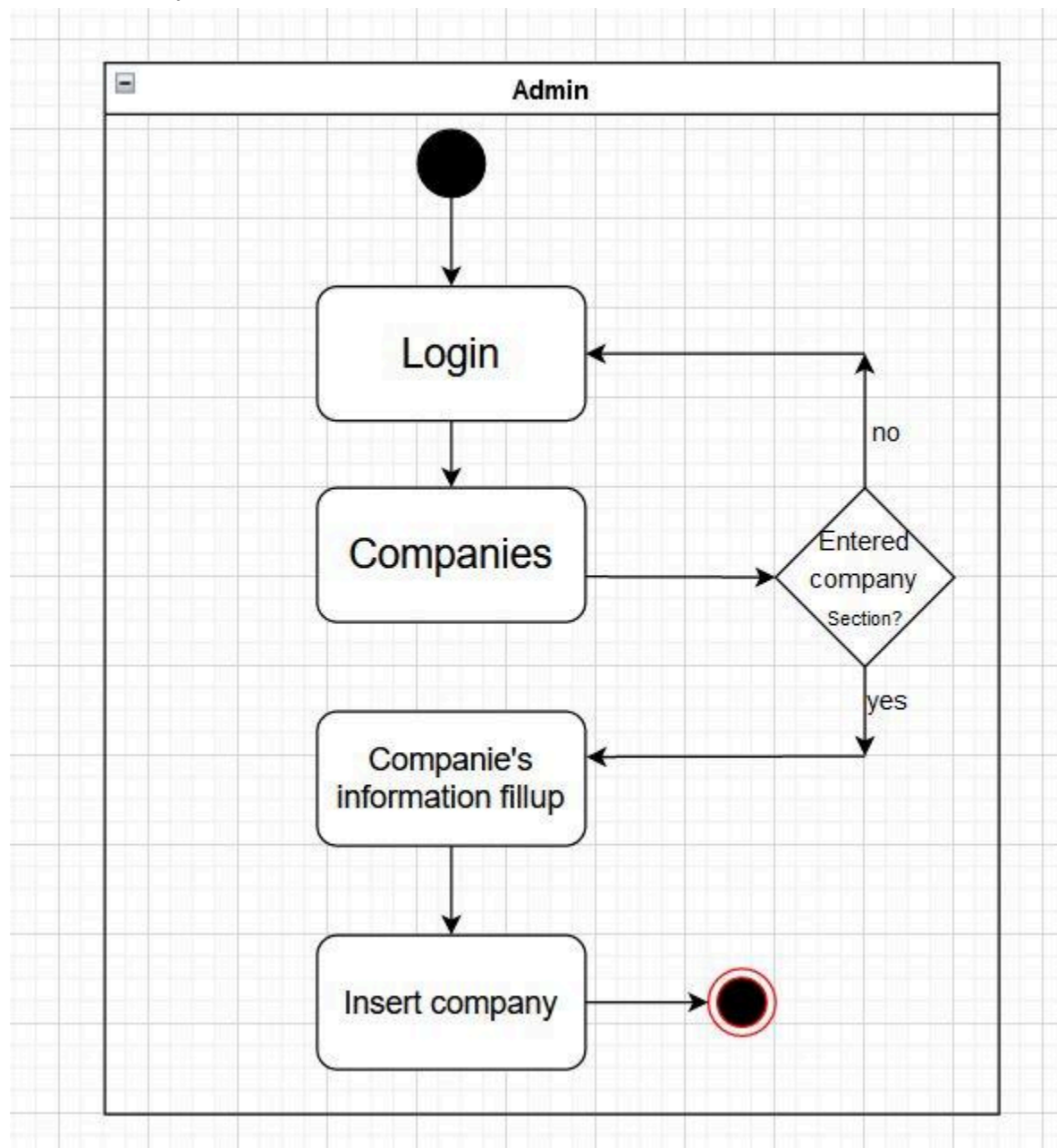
2.Add user



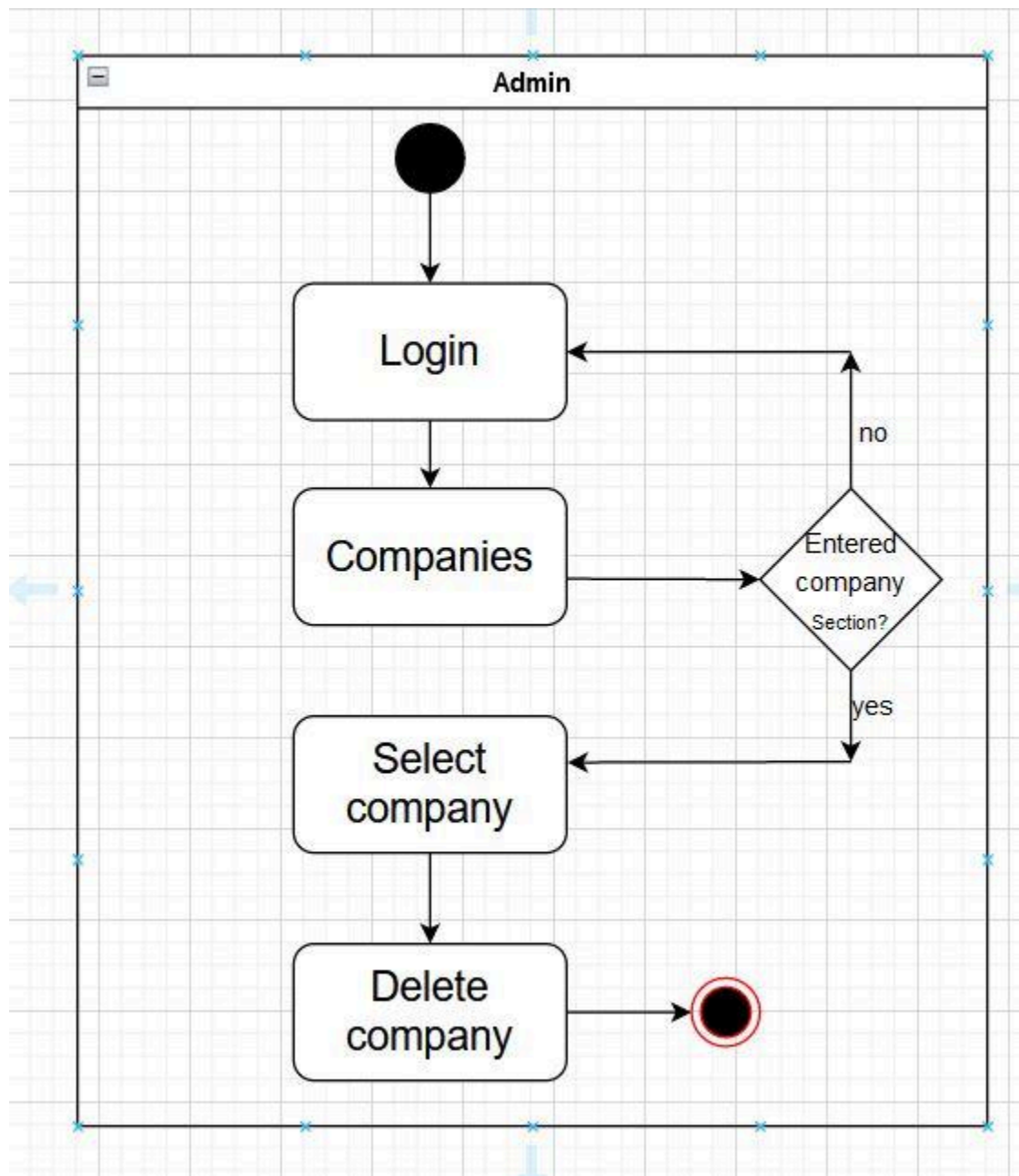
3.Delete user



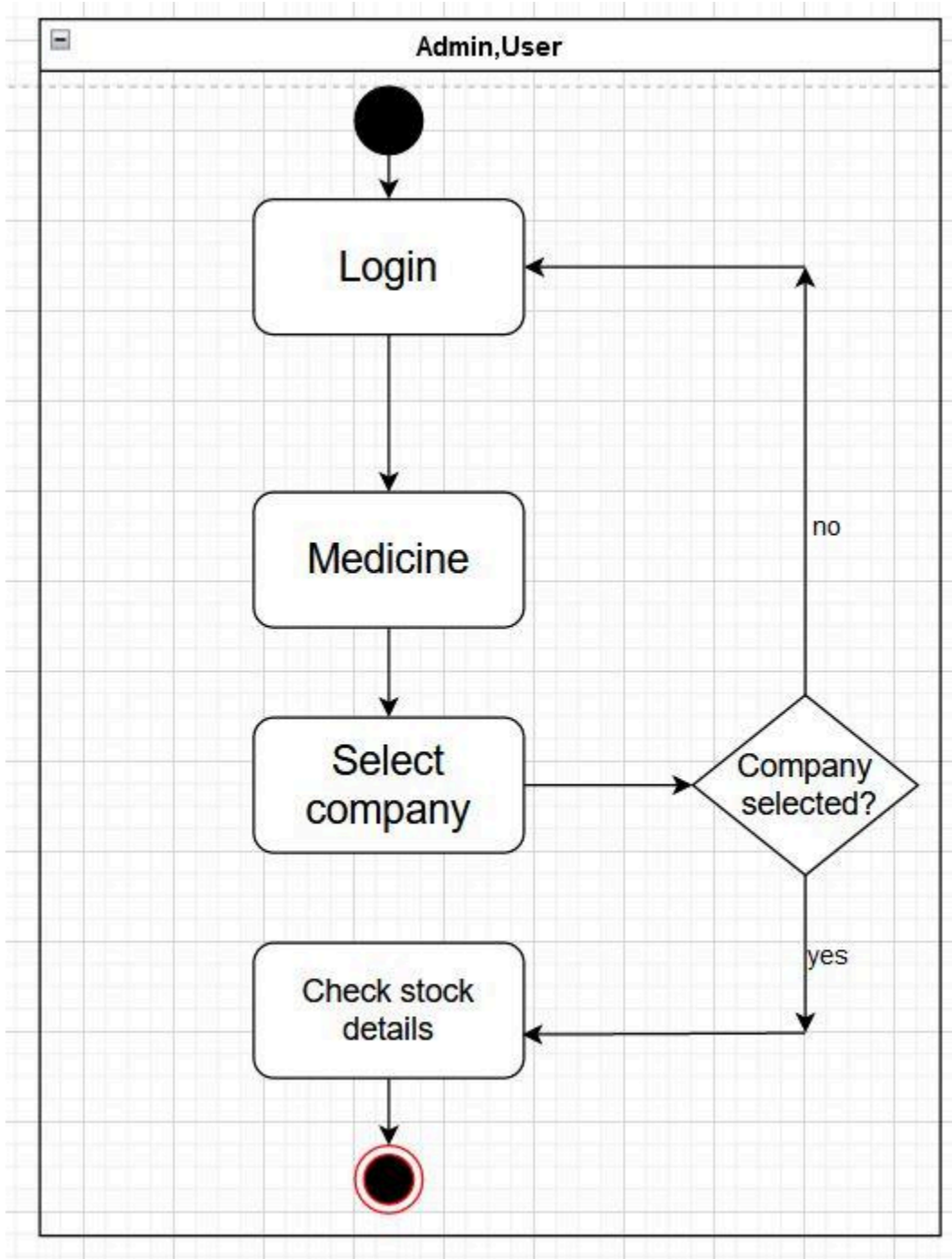
4.Add company



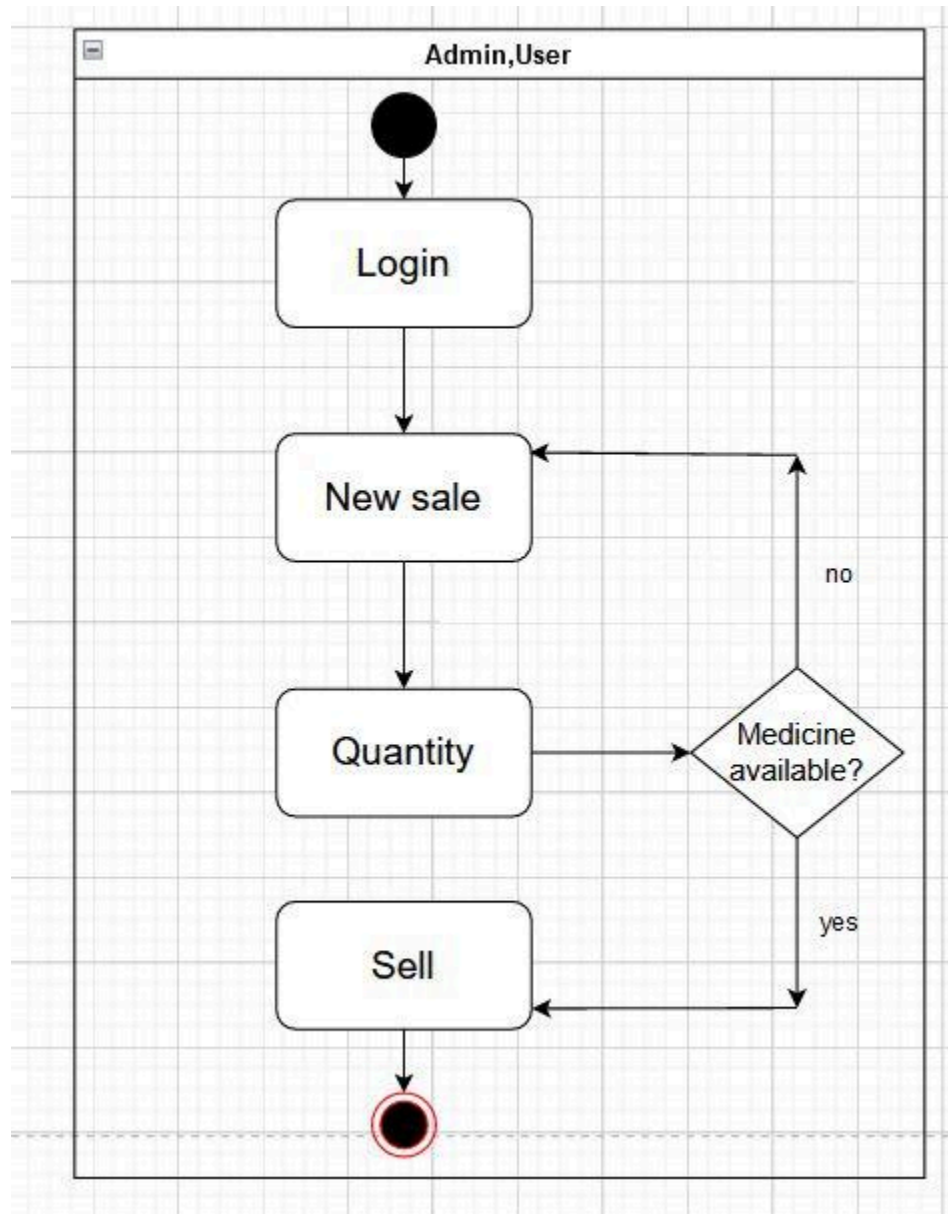
5.Delete company



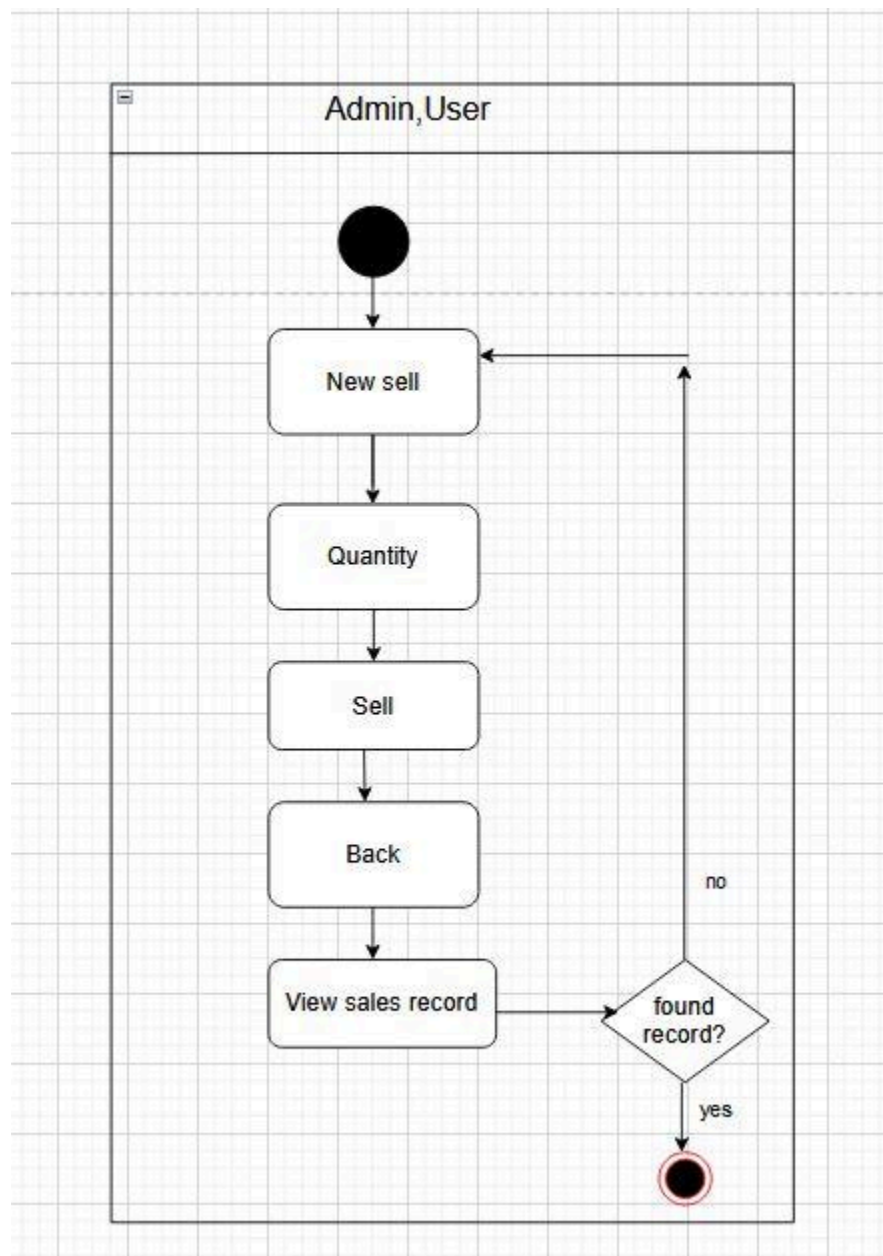
6.stock



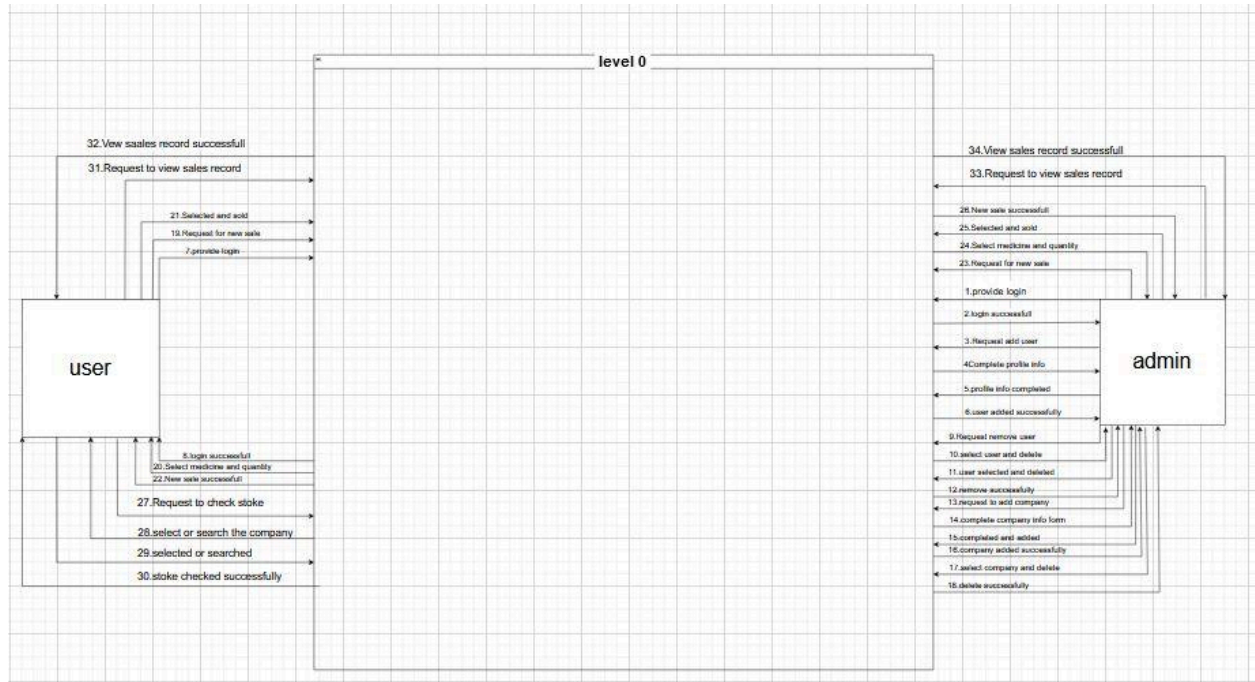
7.New sales



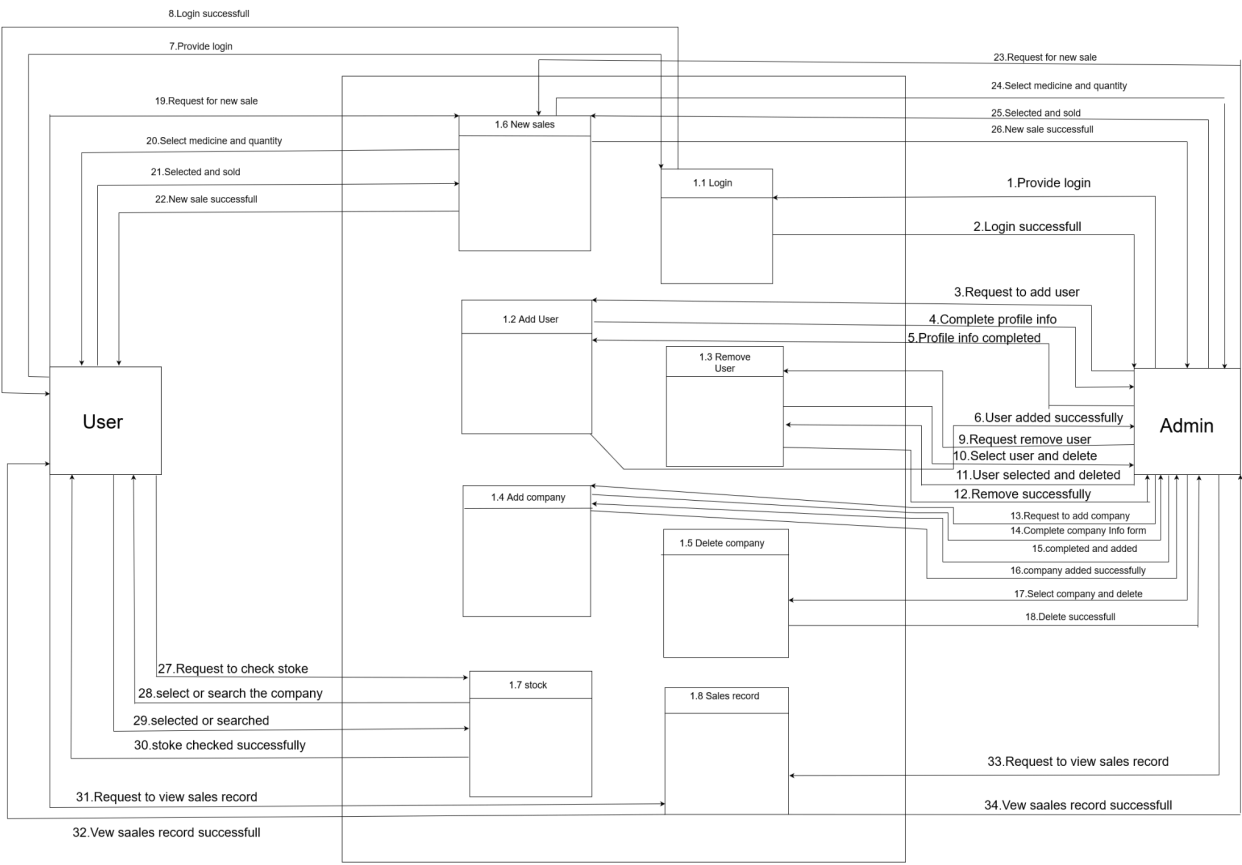
8.Sales Record



DFD

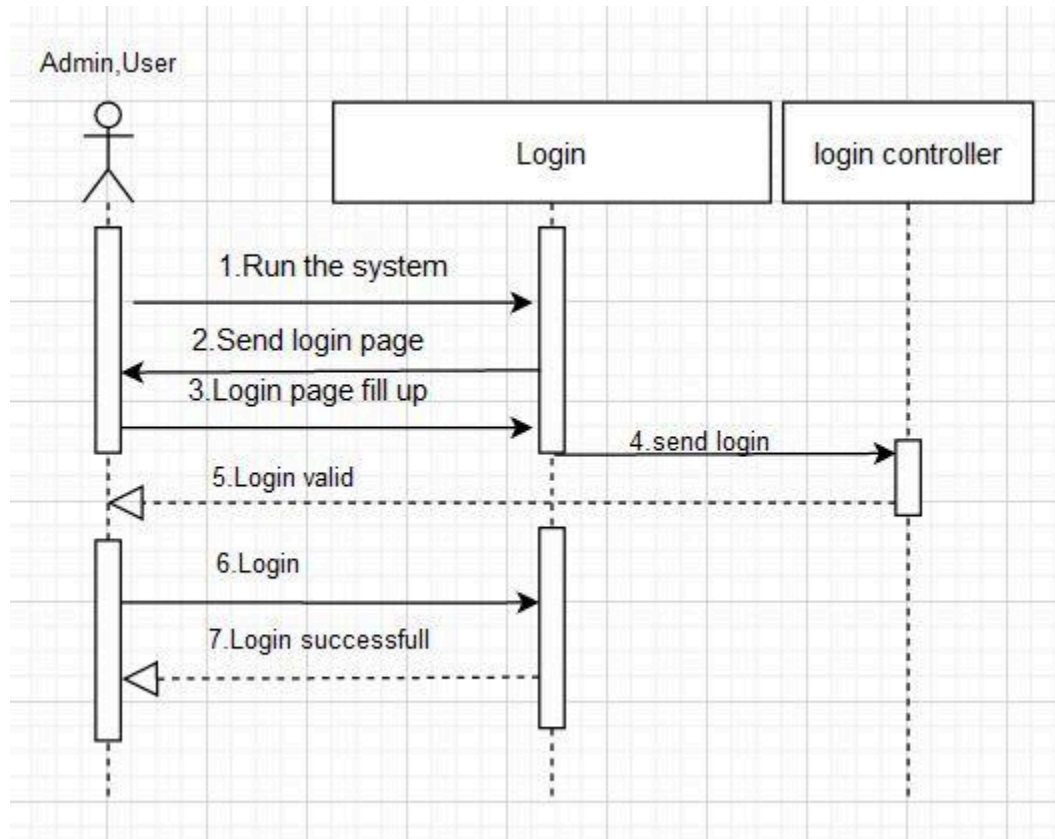


DFD

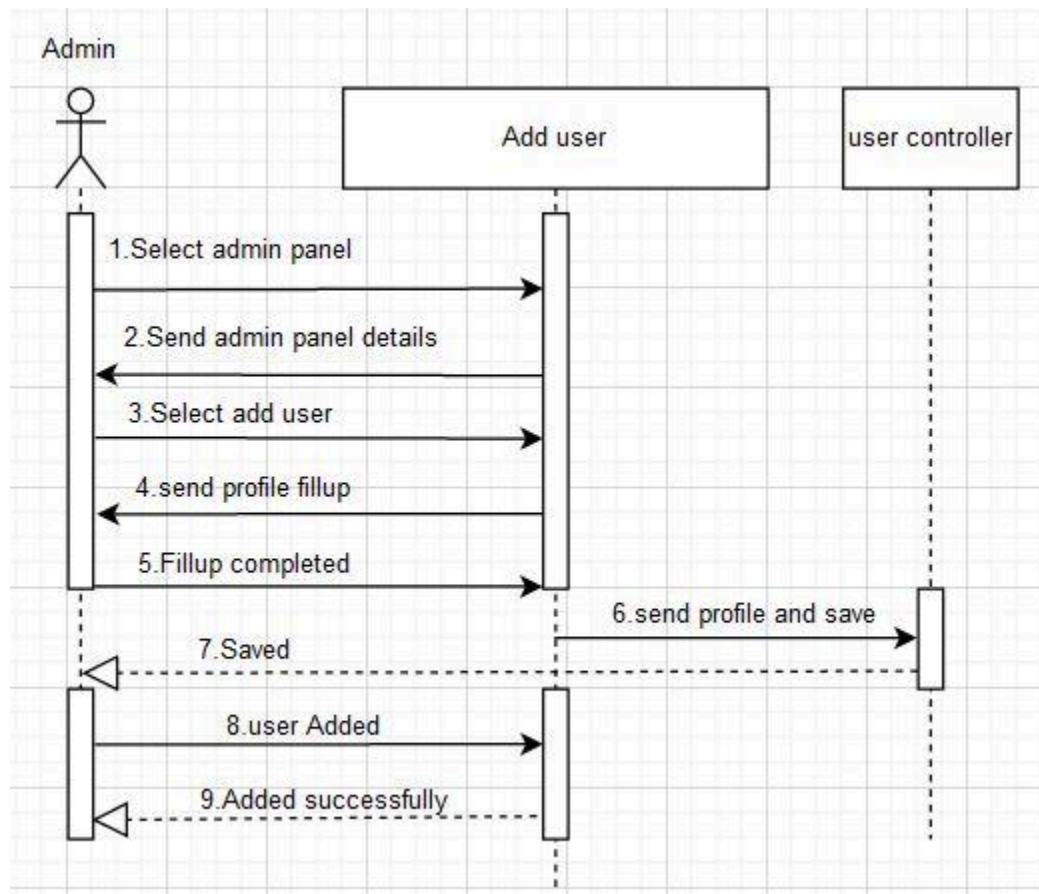


Sequence Diagram

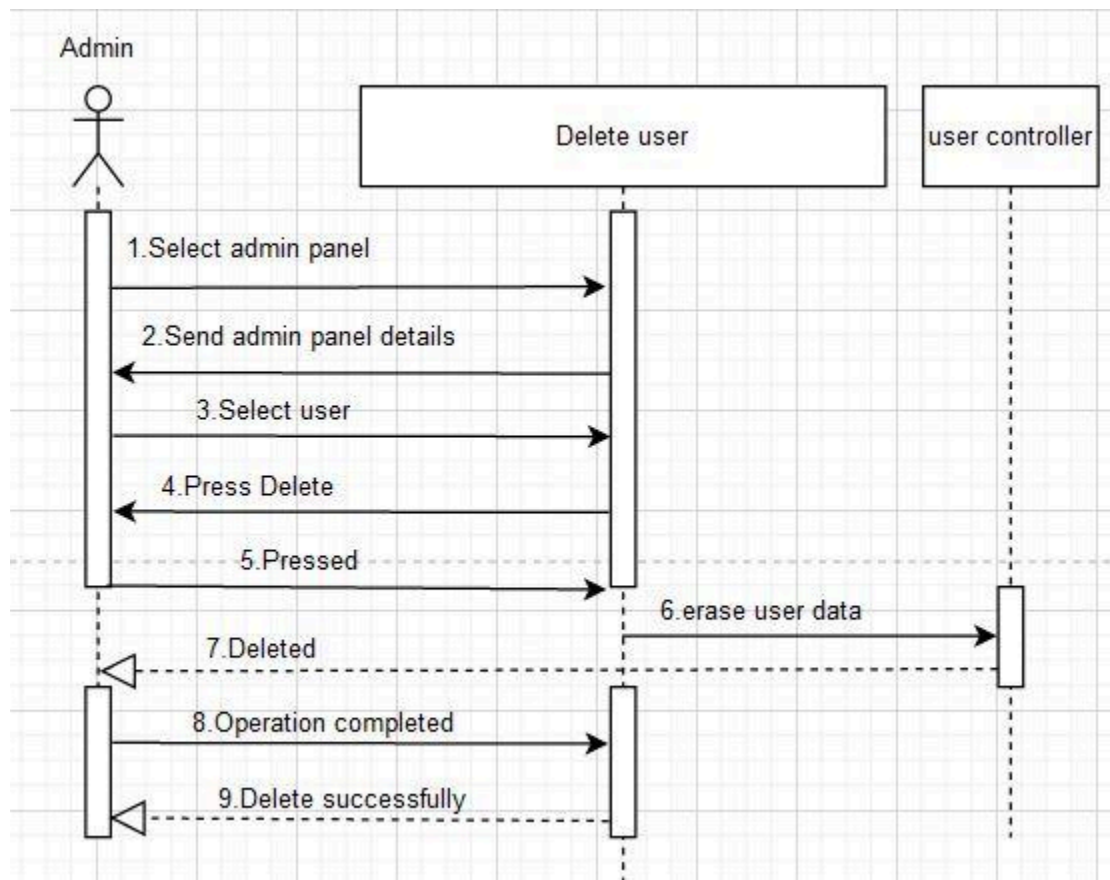
1.Login



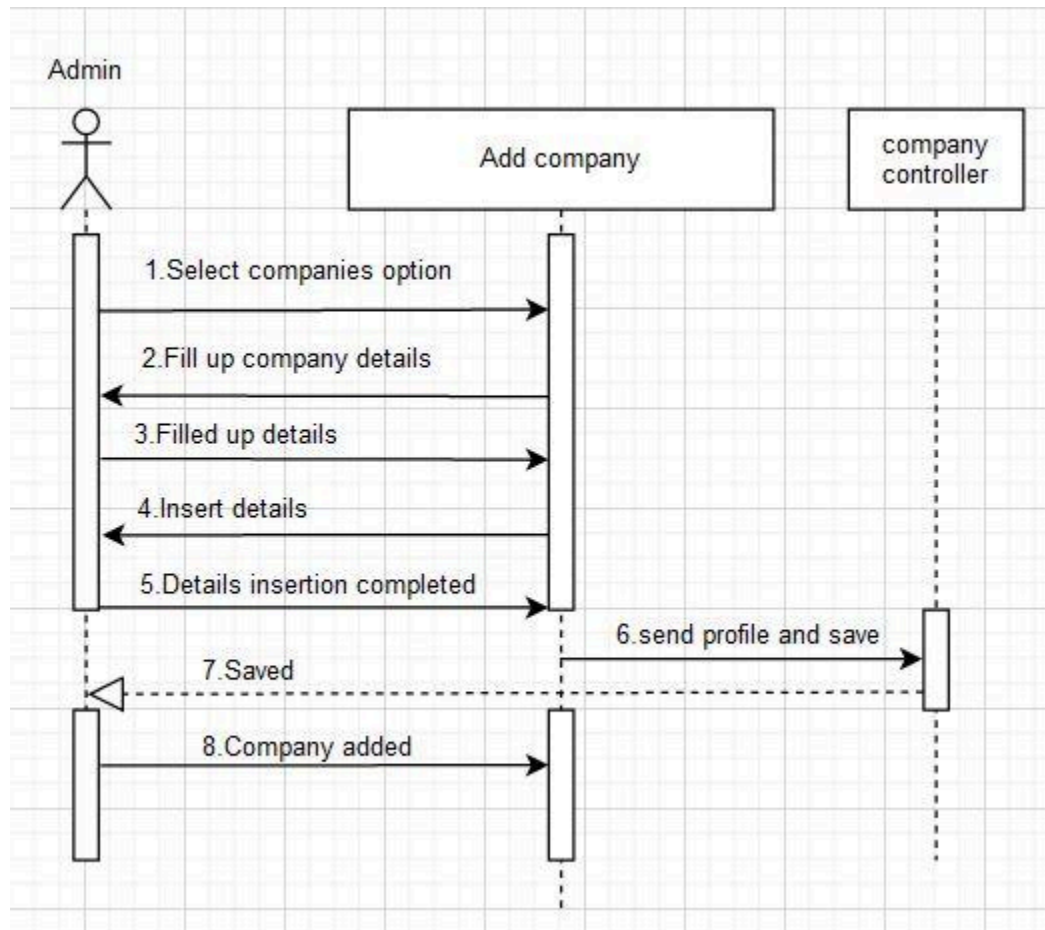
2.add user



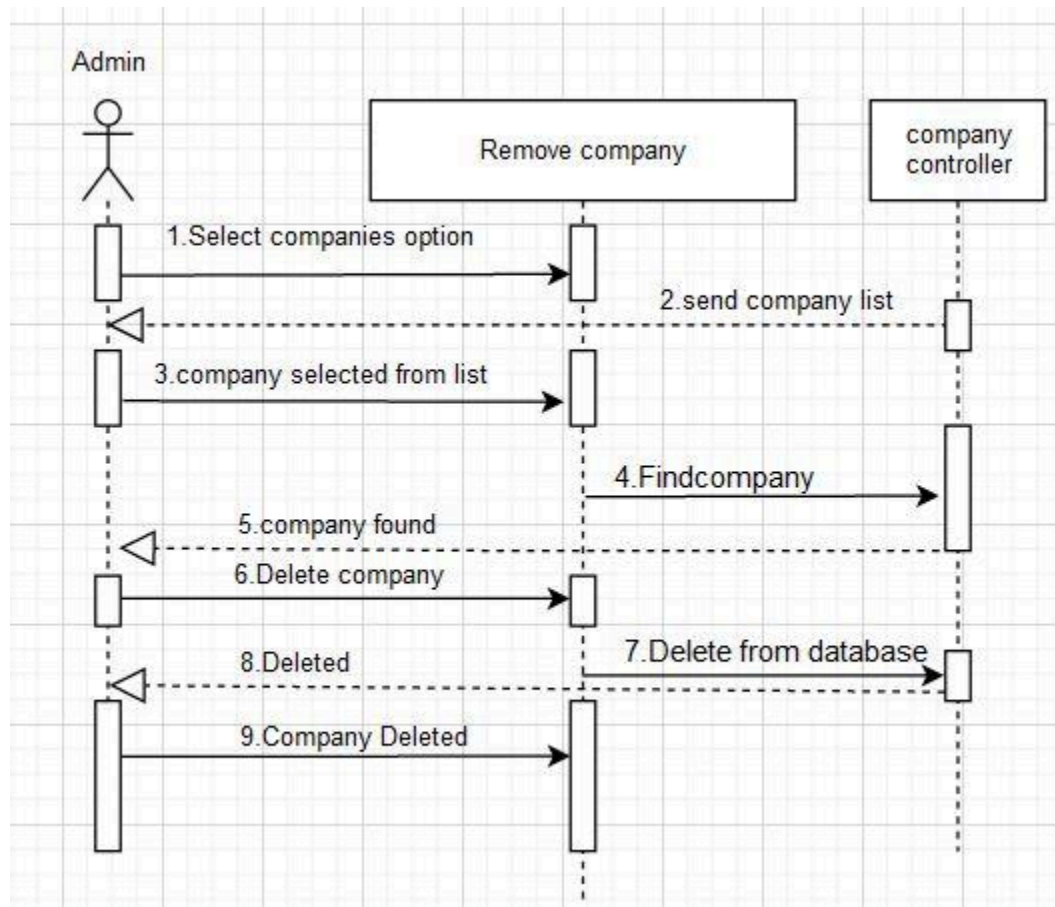
3.Delete user



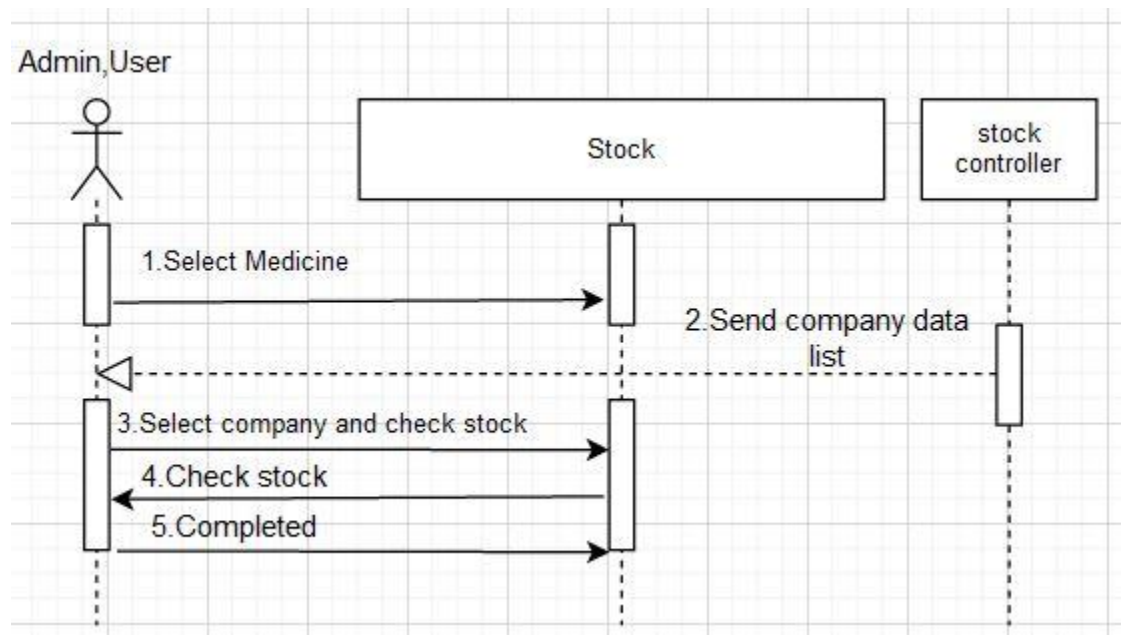
4.Add company



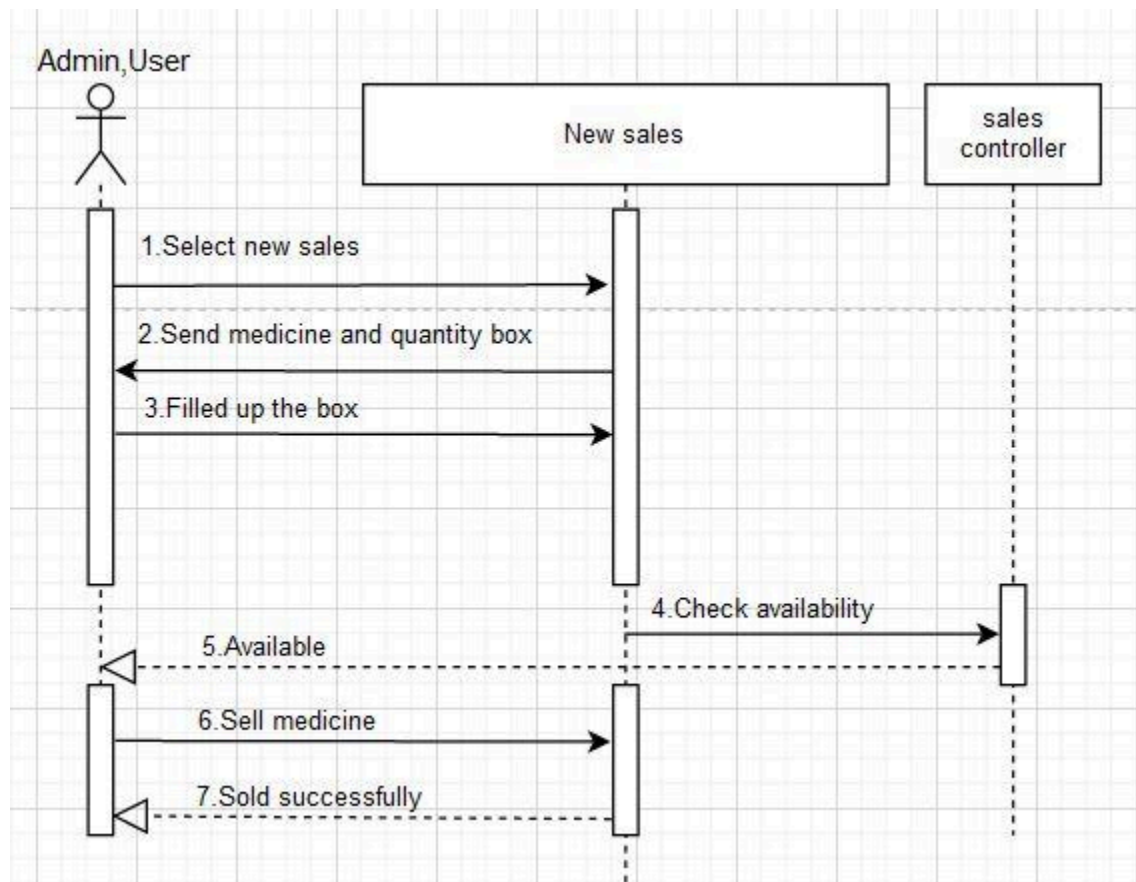
5.Remove company



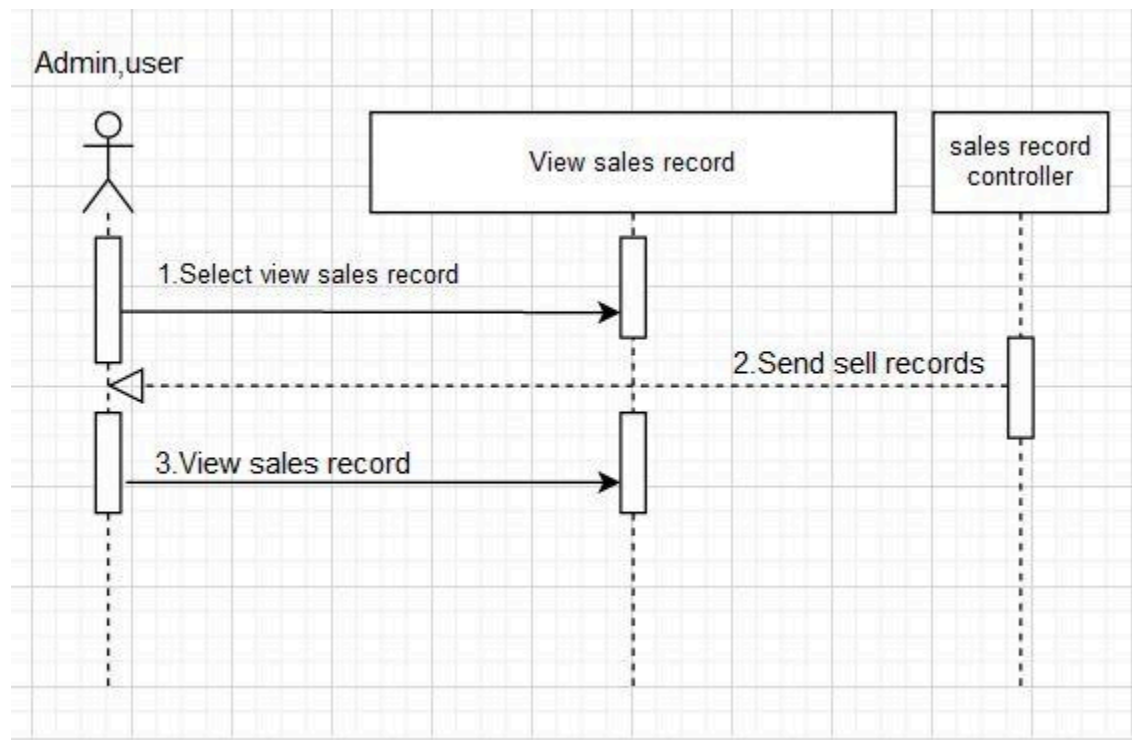
6.stock



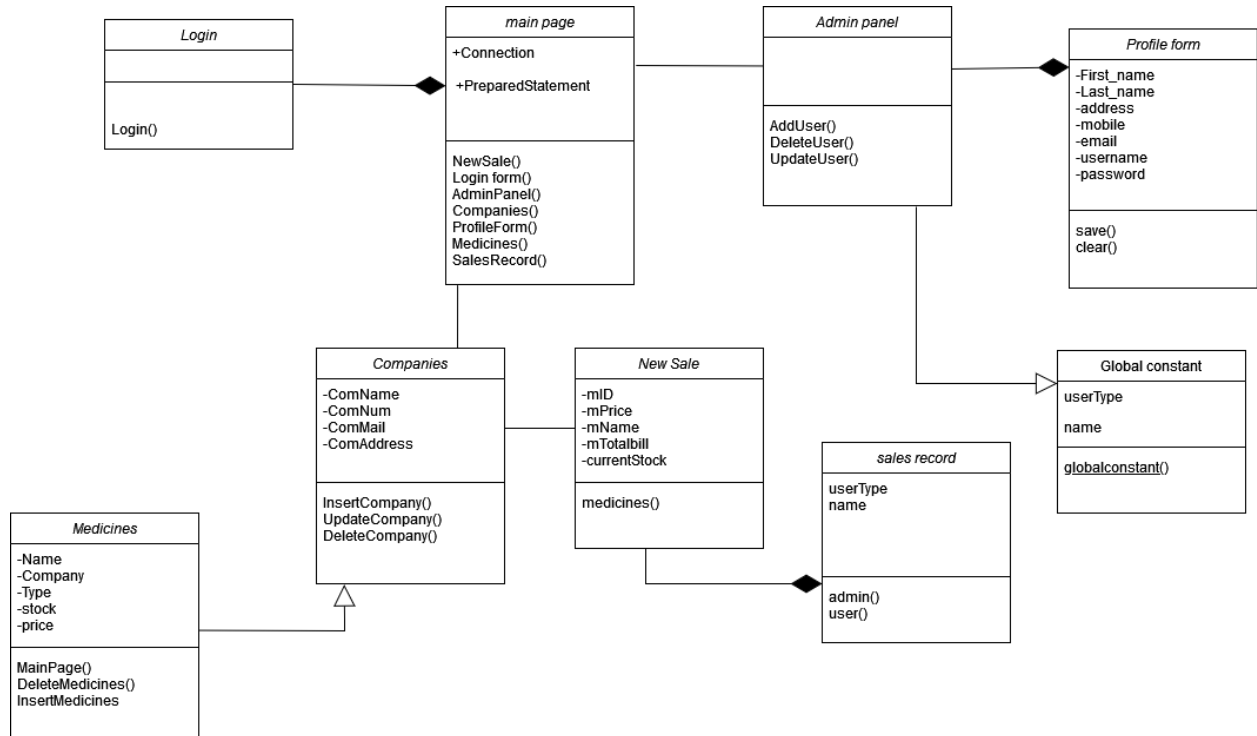
7.New sales



8.sales record



Class diagram



ERD

