



1/9/2020

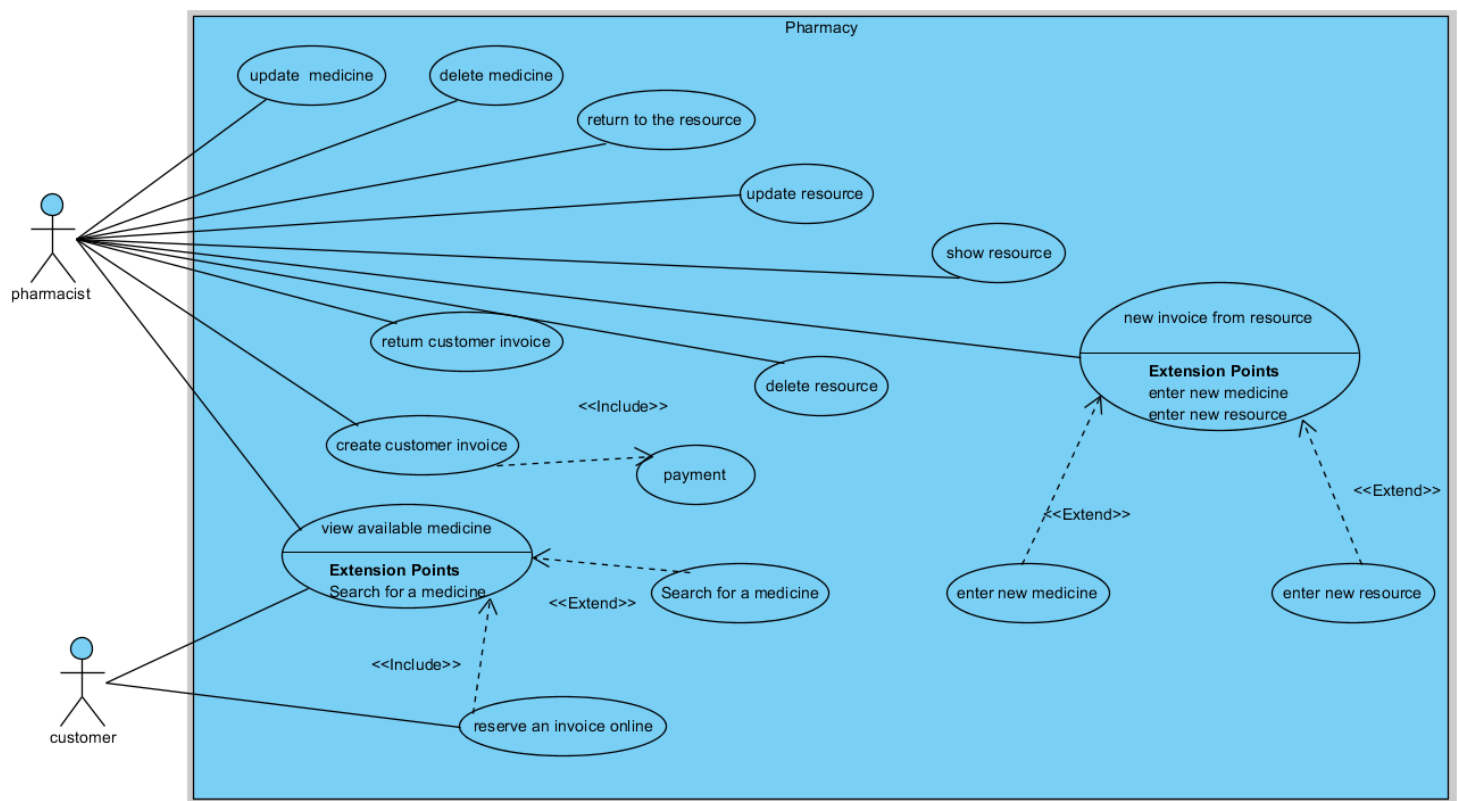
Software Engineering

GRPharmacy

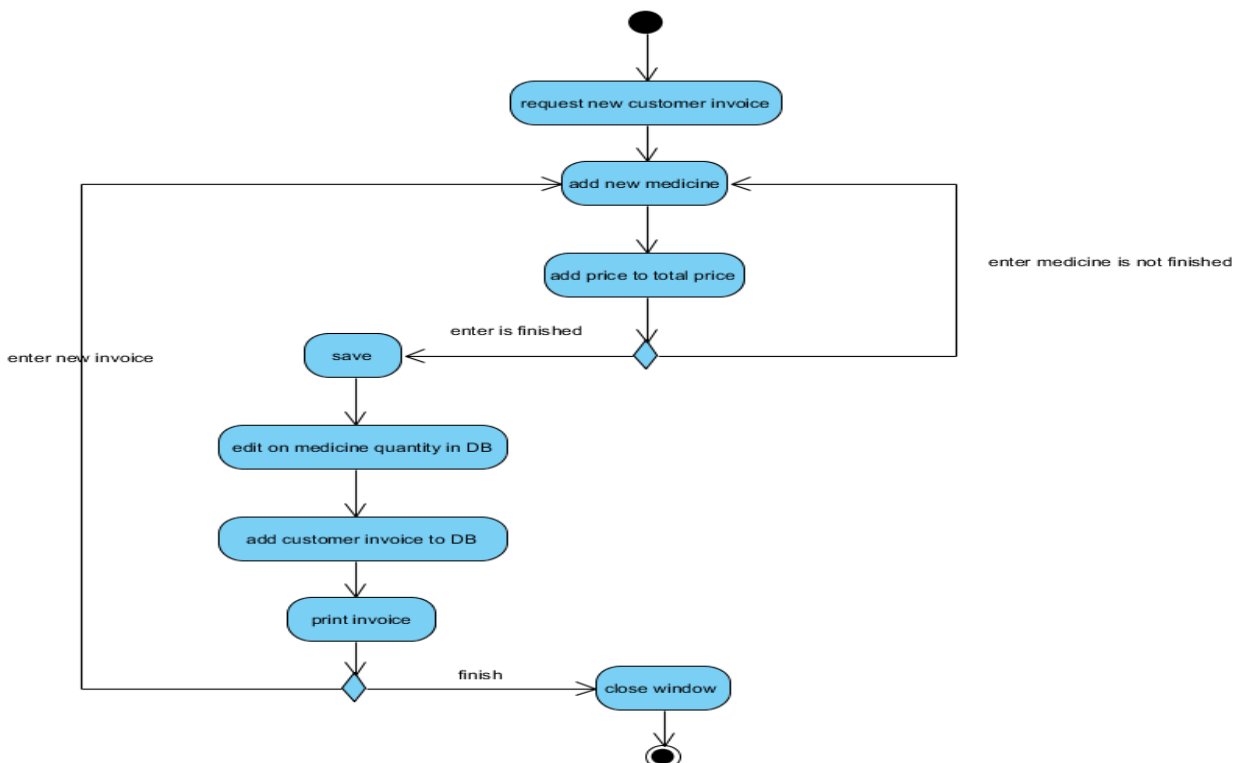


Engineer: Kinan Abd Albaki
Students: Rafah Almounajed, Ghoufran Albakri

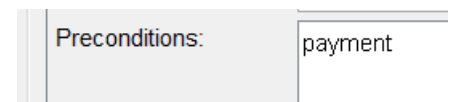
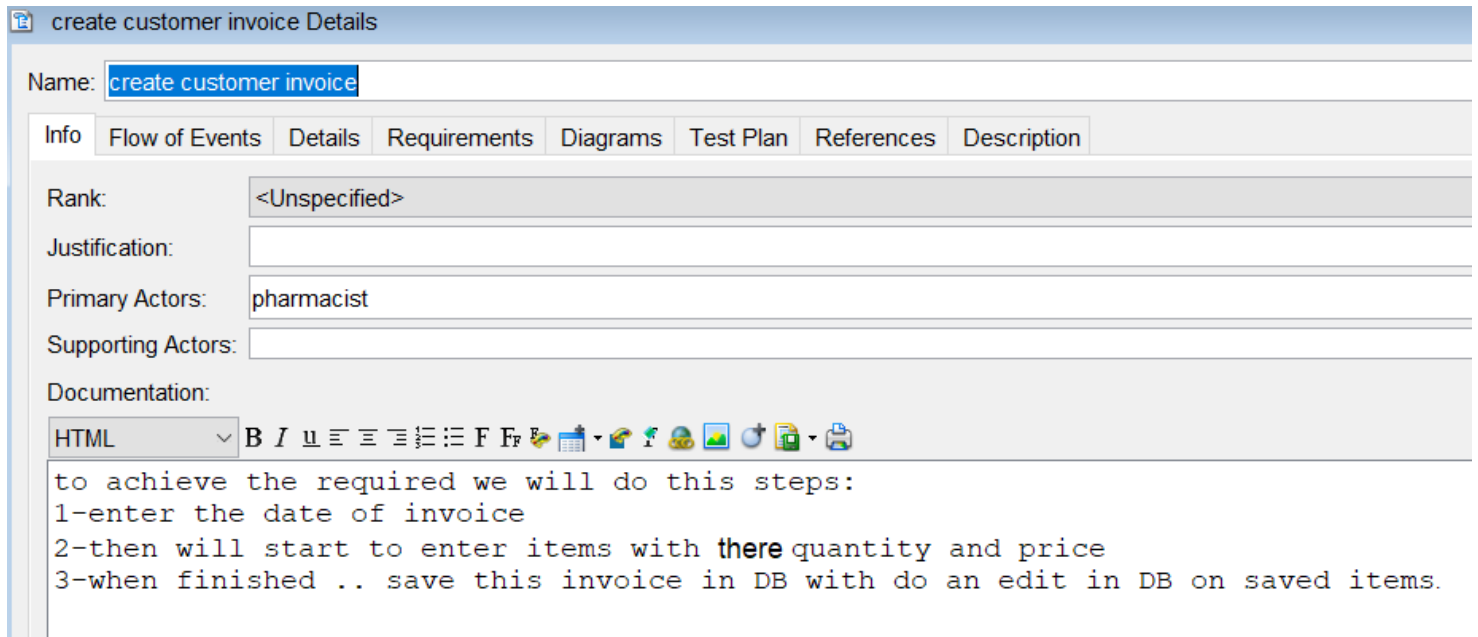
Use case:



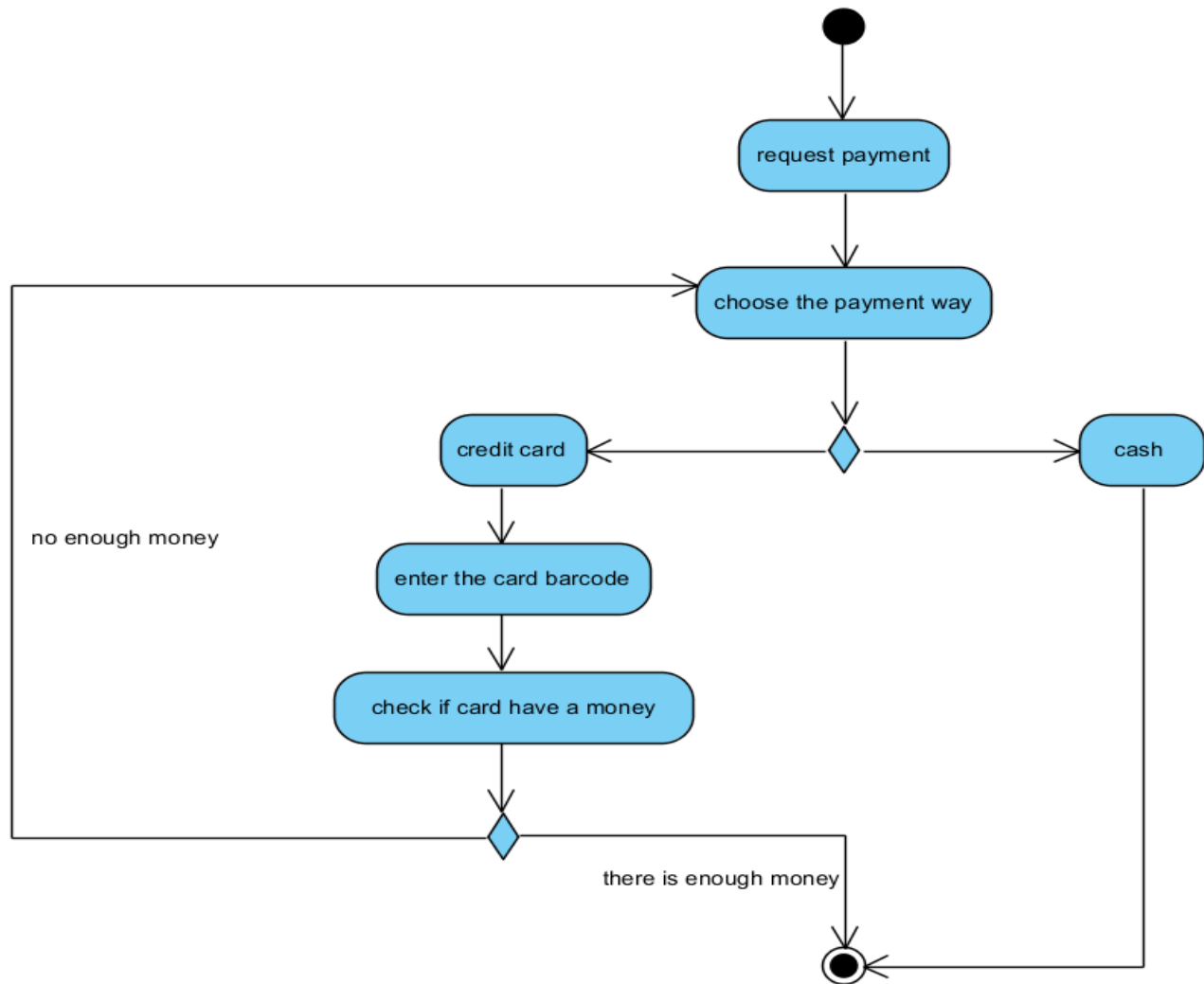
New customer invoice: activity diagram



New customer invoice: description



Payment activity diagram:



Payment: description

payment Details

Name: payment

Info Flow of Events Details Requirements Diagrams Test Plan

Rank: <Unspecified>

Justification:

Primary Actors:

Supporting Actors:

Documentation:

HTML B I U L R F F

choose the way of payment then pay and save

payment Details

Name: payment

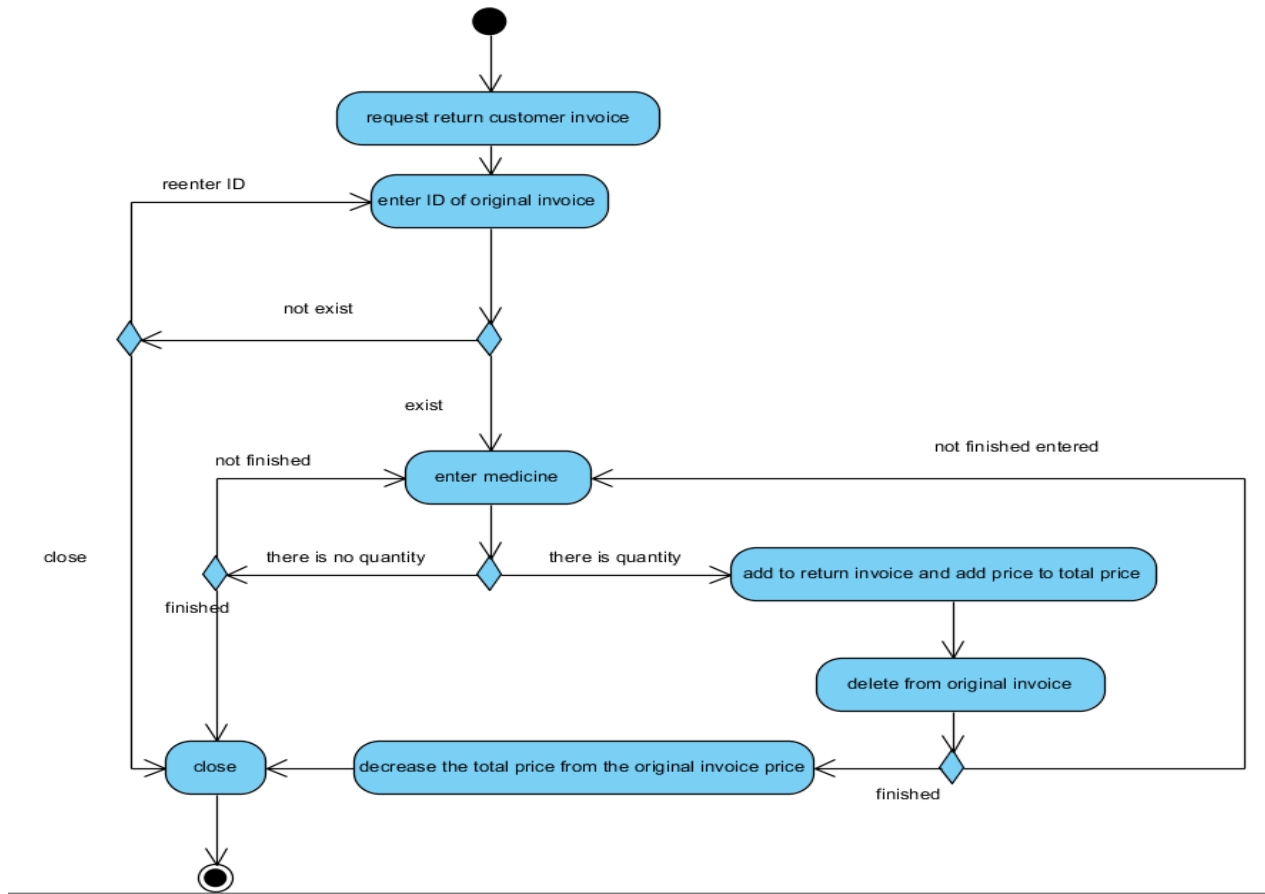
Info Flow of Events Details Requirements Diagrams Test Plan References

Flow of Events

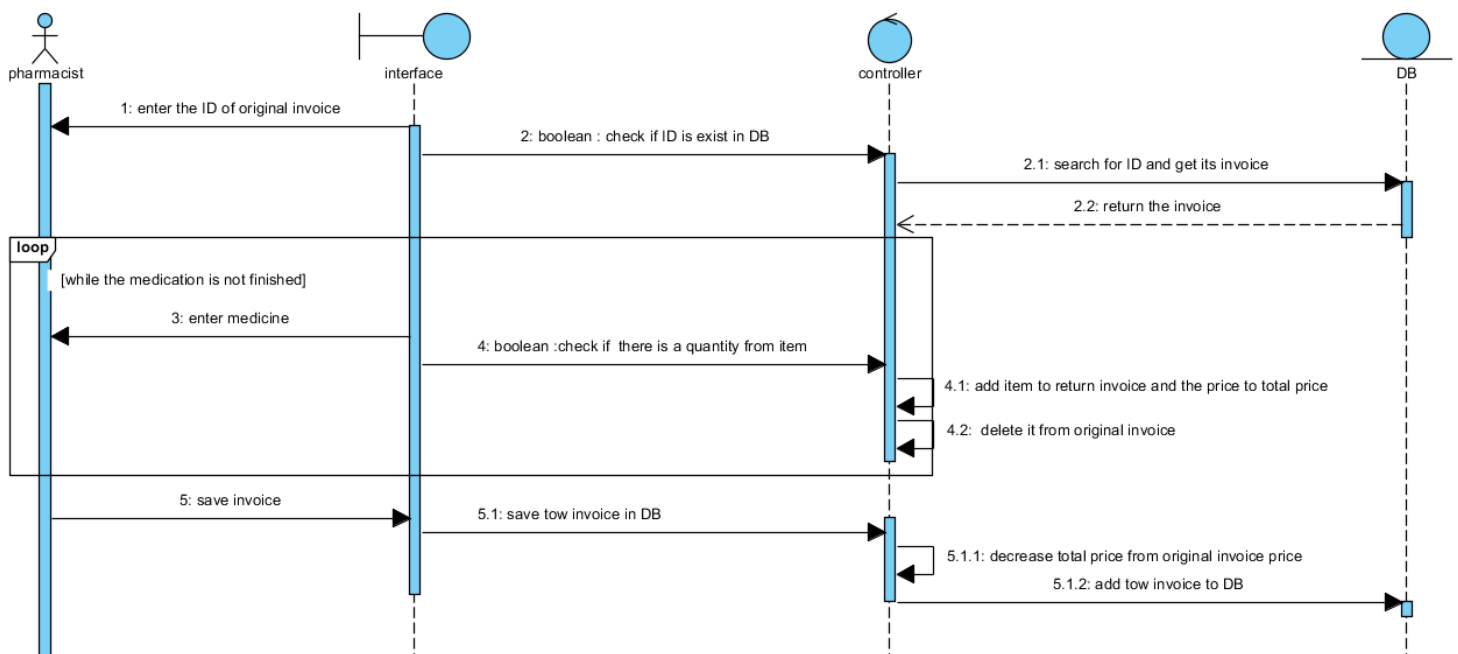
1. enter the way of payment
2. if cash save invoice
3. if credit card then check if it have enough money or not then pay and save invoice

Post-conditions: create customer invoice

Return customer invoice: activity diagram



Return customer invoice: sequence diagram



Return customer invoice:

return customer invoice Details

Name: return customer invoice

Info Flow of Events Details Requirements Diagrams Test Plan References Description

Rank: <Unspecified>

Justification:

Primary Actors: pharmacist

Supporting Actors:

Documentation:

HTML B I U L T F F

to achieve the required we will do this steps:
You will enter the return date and customer name
and make sure that the customer exist in DB
if yes, you can start enter items with their quantity
when you have finished then save this return invoice in DB
and do an edit on quantity items and the mean price in DB

return customer invoice Details

Name: return customer invoice

Info Flow of Events Details Requirements Diagrams Test Plan References

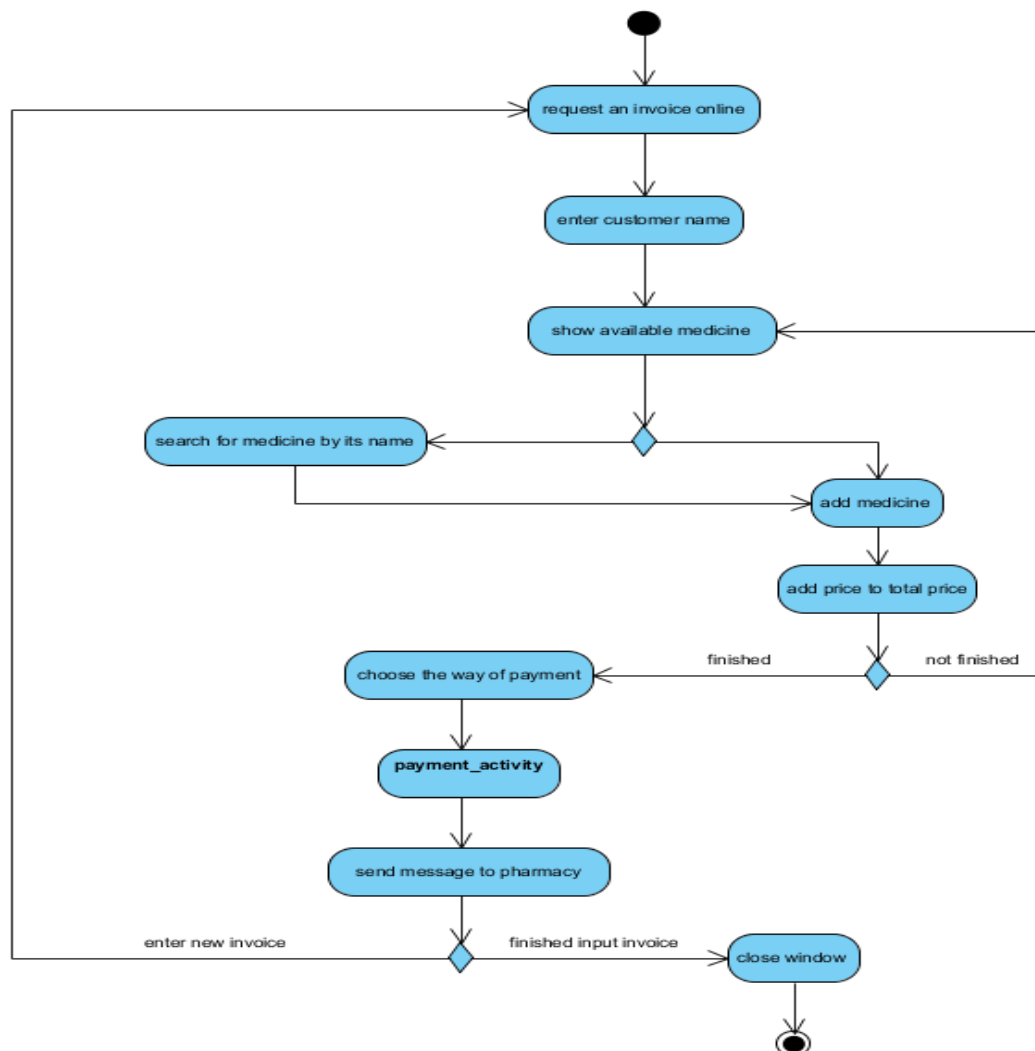
Flow of Events

1. create new return customer invoice and enter the ID of original customer invoice
2. enter the return date
3. enter the return items with there quantity
4. decrease total price from original invoice price

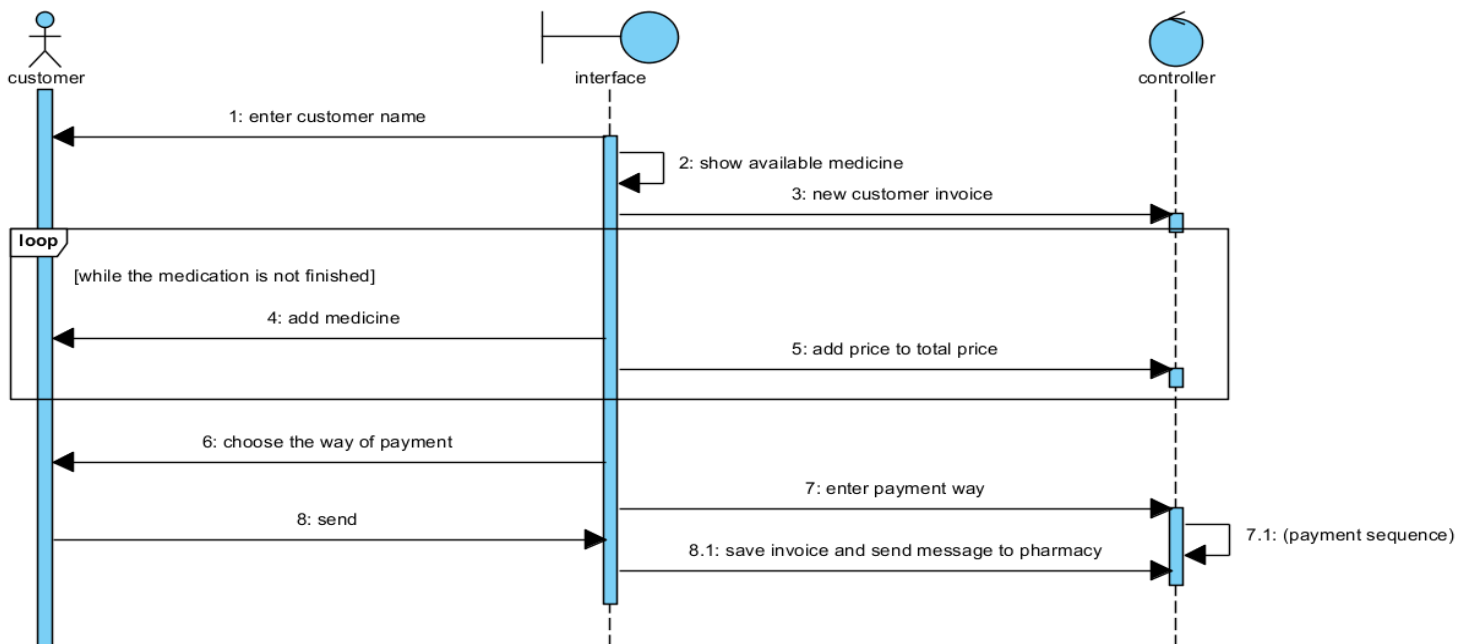
Preconditions:

- 1-pharmacist should have an account in this website
- 2-enter customer invoice before this return invoice

Reserve an invoice online: activity diagram



Reserve an invoice online: sequence diagram



Reserve an invoice online: description

reserve an invoice online Details

Name: reserve an invoice online

Info Flow of Events Details Requirements Diagrams Test Plan References

Flow of Events

1. view available medicine
2. choose medicine and add its price to total price
3. choose the way of payment
4. send invoice such a message to pharmacy

Name: reserve an invoice online

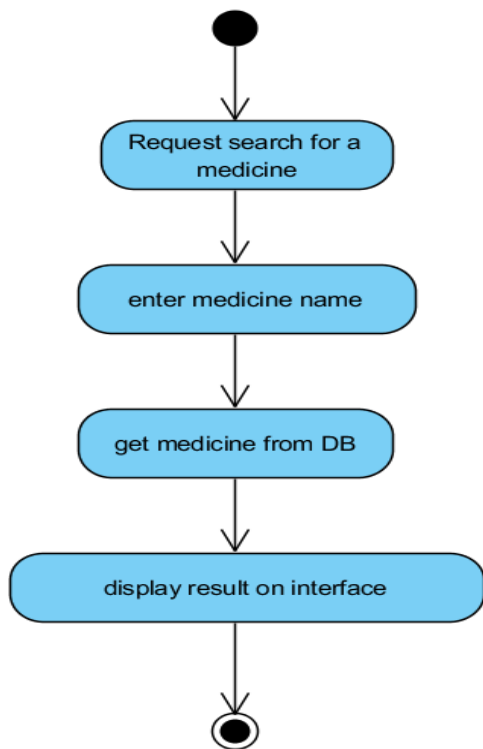
Info Flow of Events Details Requirements

Rank: <Unspecified>

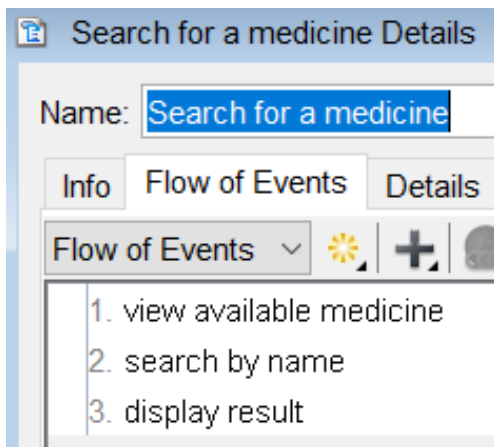
Justification:

Primary Actors: customer

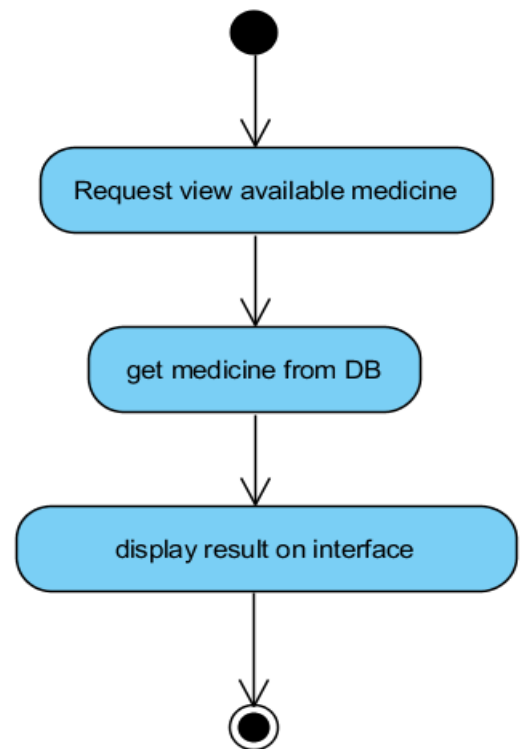
Search for a medicine:
activity diagram



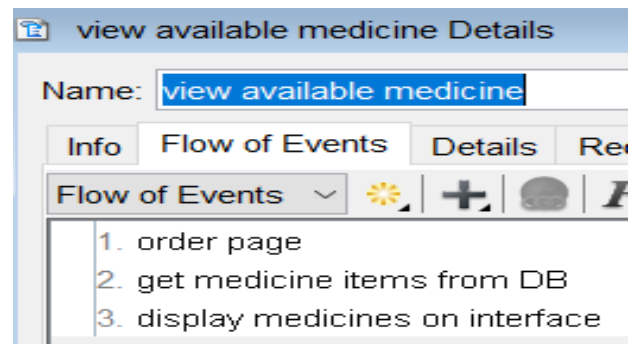
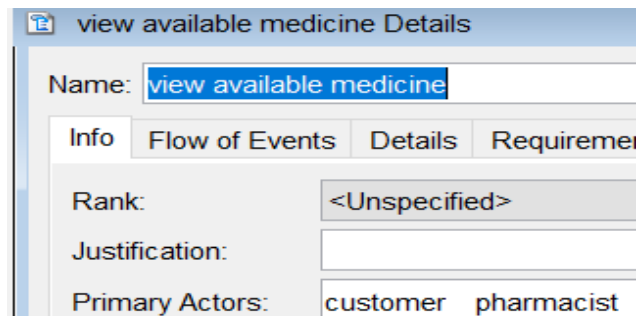
description



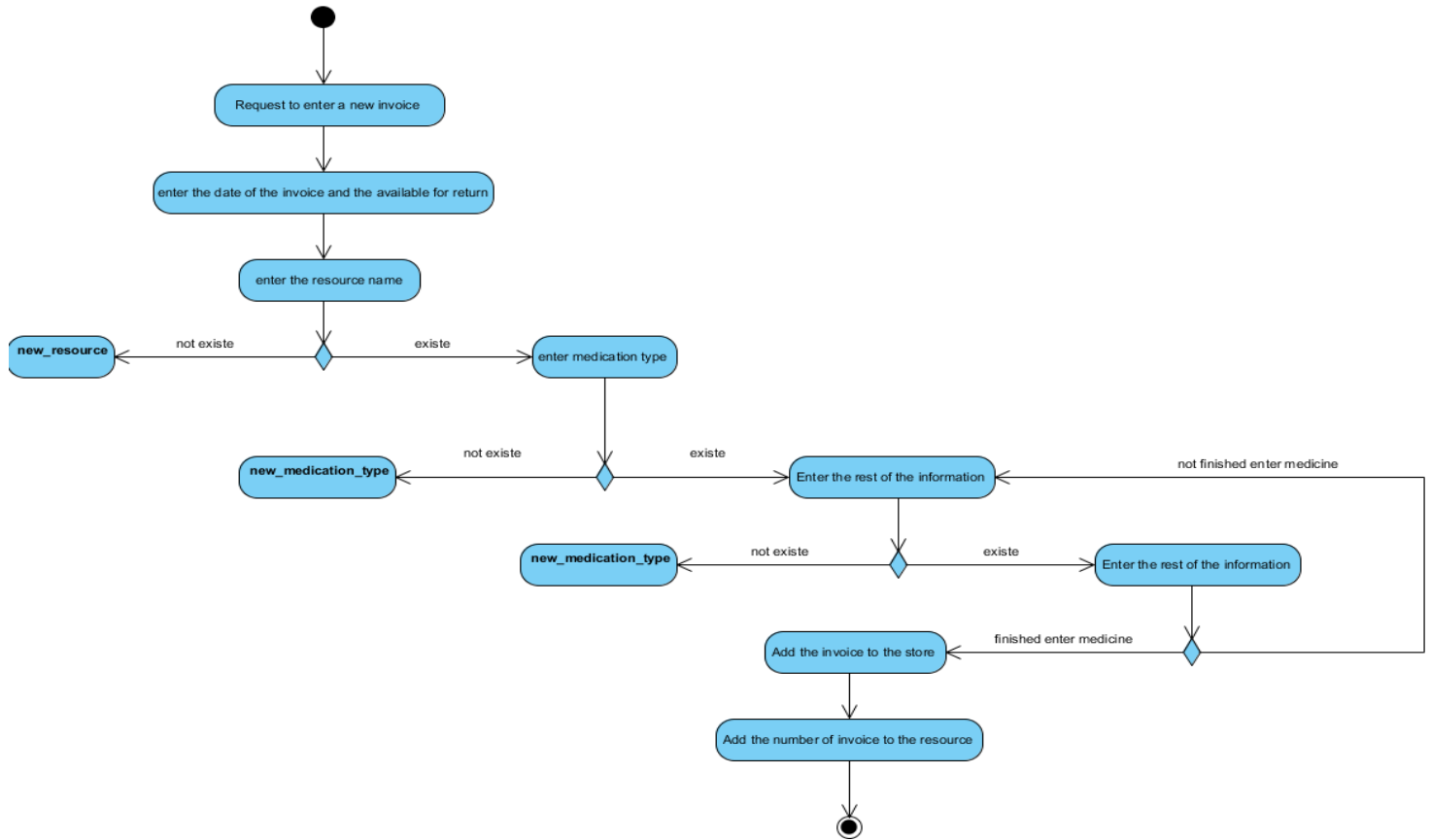
View available medicine:
activity diagram:



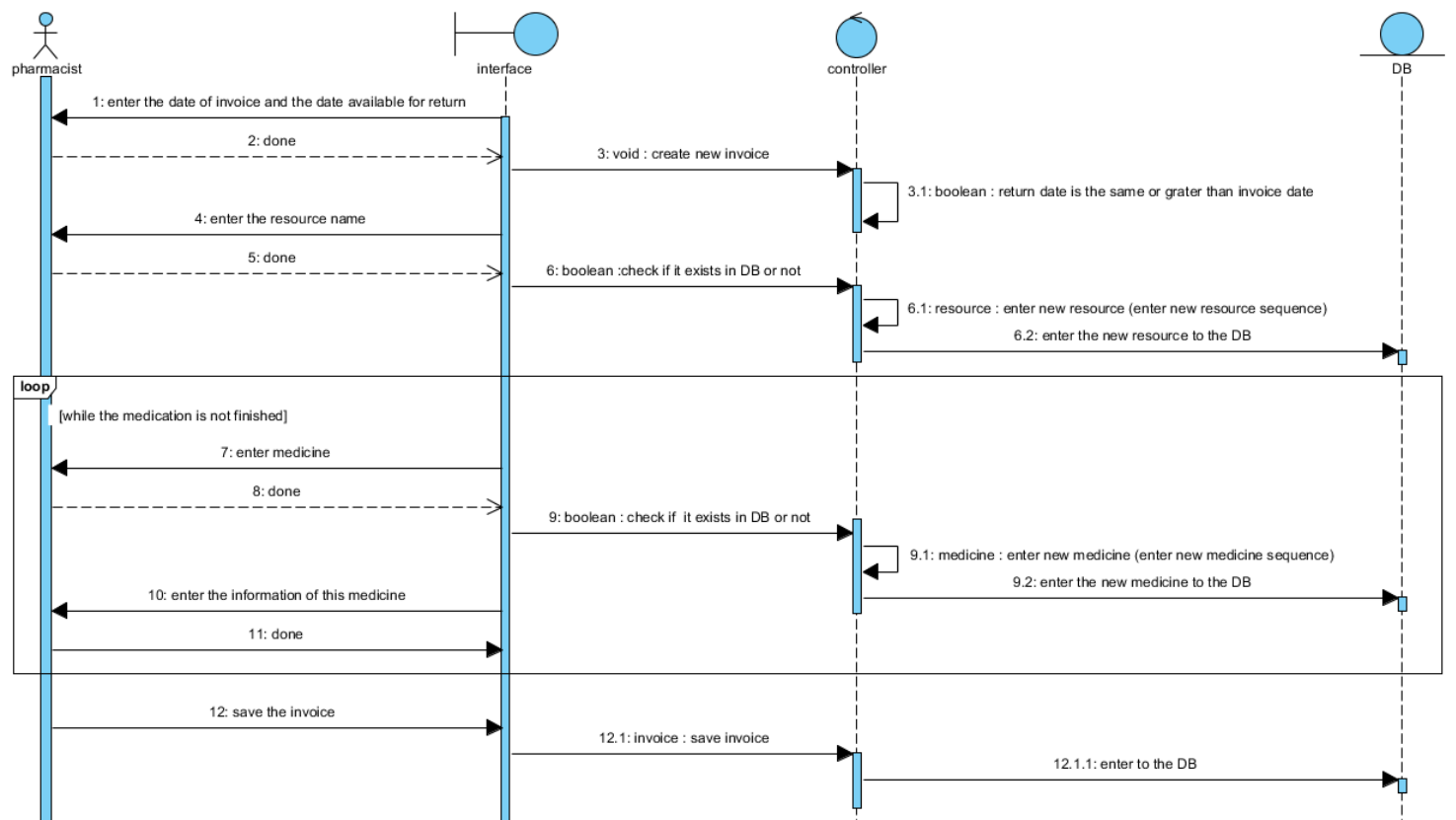
description



Enter new invoice: activity diagram



Enter new invoice: sequence diagram



Description:

new invoice from resource Details

Name: new invoice from resource

InfoFlow of EventsDetailsRequirementsDiagramsTest PlanReferencesDescription

Rank: <Unspecified>

Justification: add a new invoice that pay from resource

Primary Actors: pharmacist

Supporting Actors:

Documentation:

HTML

to achieve the required we will do this steps:
1- enter the date of invoice and available date for return items from this invoice
or all of this invoice and the available date for return must be the same or grater than of invoice date
2- then will enter the resource name and make sure that the resource is exist in DB earlier
and if not you must order to enter a new resource in DB
3- then will start to enter items with (start date ,end date ,quantity and price)
4- when finished .. save this invoice in DB with do an edit in DB on saved items.

new invoice from resource Details

Name: new invoice from resource

InfoFlow of EventsDetailsRequir

Flow of Events

1. select resource name
2. insert invoice date
3. add medicines and there info
4. insert available return invoice

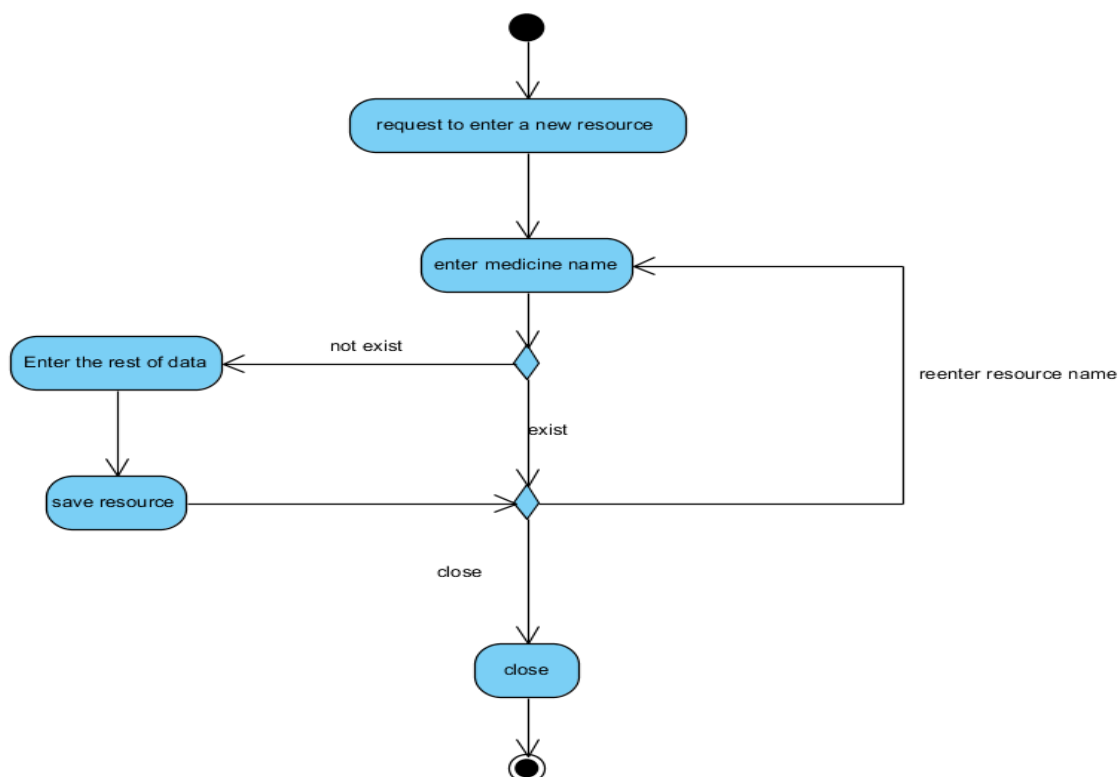
Implementation States:

Preconditions: pharmacist should have an account in this website

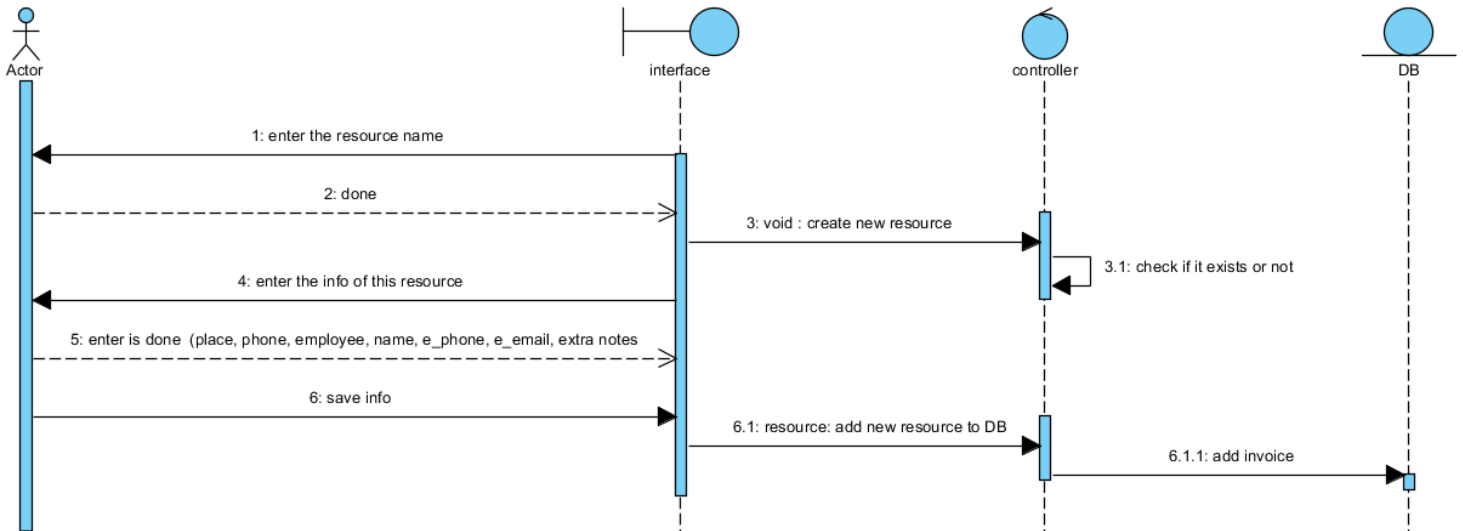
Post-conditions: return resource invoice

Enter new resource:

activity diagram



Enter new resource: sequence diagram



Description:

enter new resource Details

Name: enter new resource

Info | Flow of Events | Details | Requirements | Diagrams | Test Plan | References | Description

Rank: <Unspecified>

Justification: add new not existed resource that pharmacy deals with

Primary Actors: pharmacist

Supporting Actors:

Documentation:

HTML

to achieve the required we will do this steps:
will enter the resource name and check if the resource existed earlier or not ,
if not so you will enter the resource information (place, phone, employee, employee name,
employee email, employee phone and extra note if you want)
after finished .. save the resource in DB

enter new resource Details

Name: enter new resource

Info | Flow of Events | Details | Requirements | Diagrams | Test Plan | References | Description

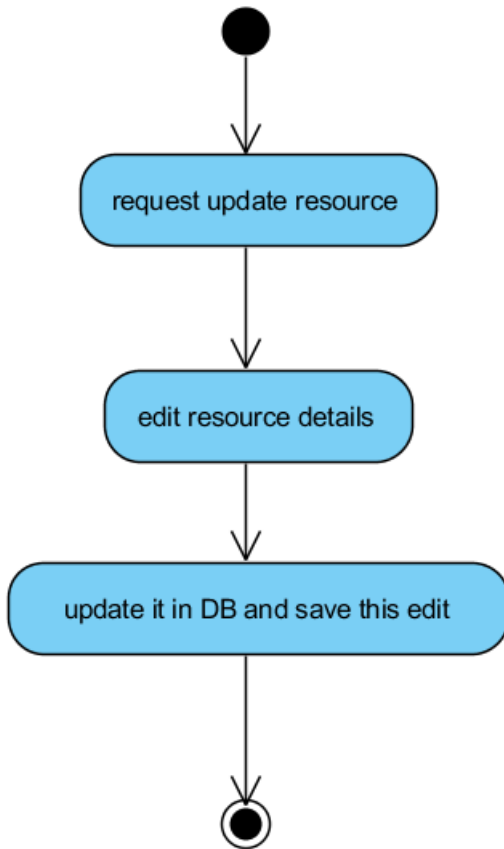
Flow of Events

1. enter the info of resource (place, name, phone, employee, employee email, employee phone, extra note)
2. save in DB

Preconditions:	1-pharmacist should have an account in this website 2-enter new resource invoice
Post-conditions:	1- update resource 2-delete resource

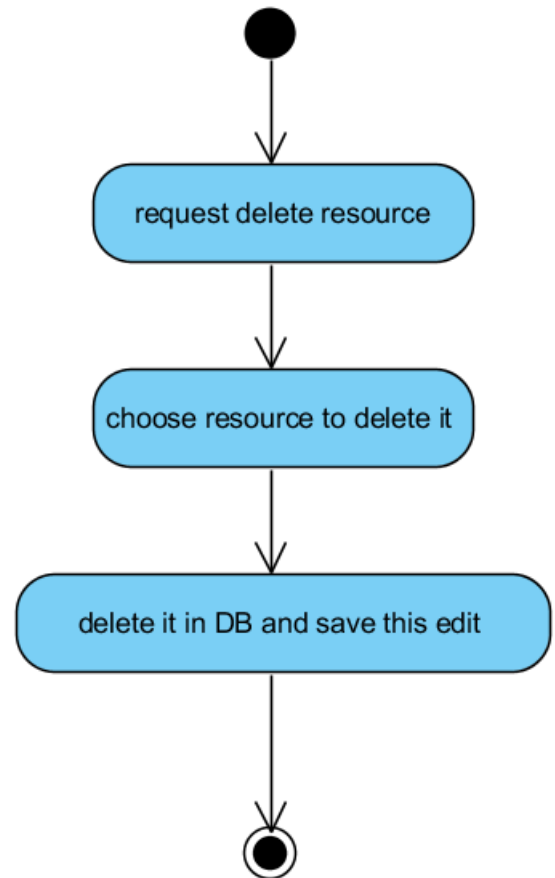
Update resource:

Activity diagram



Delete resource:

Activity diagram



Description:

Name: **update resource**

Info Flow of Events Details

Flow of Events

1. open resource page
2. do edit in resource details
3. save edit in DB

Preconditions: insert resource

Name: **delete resource**

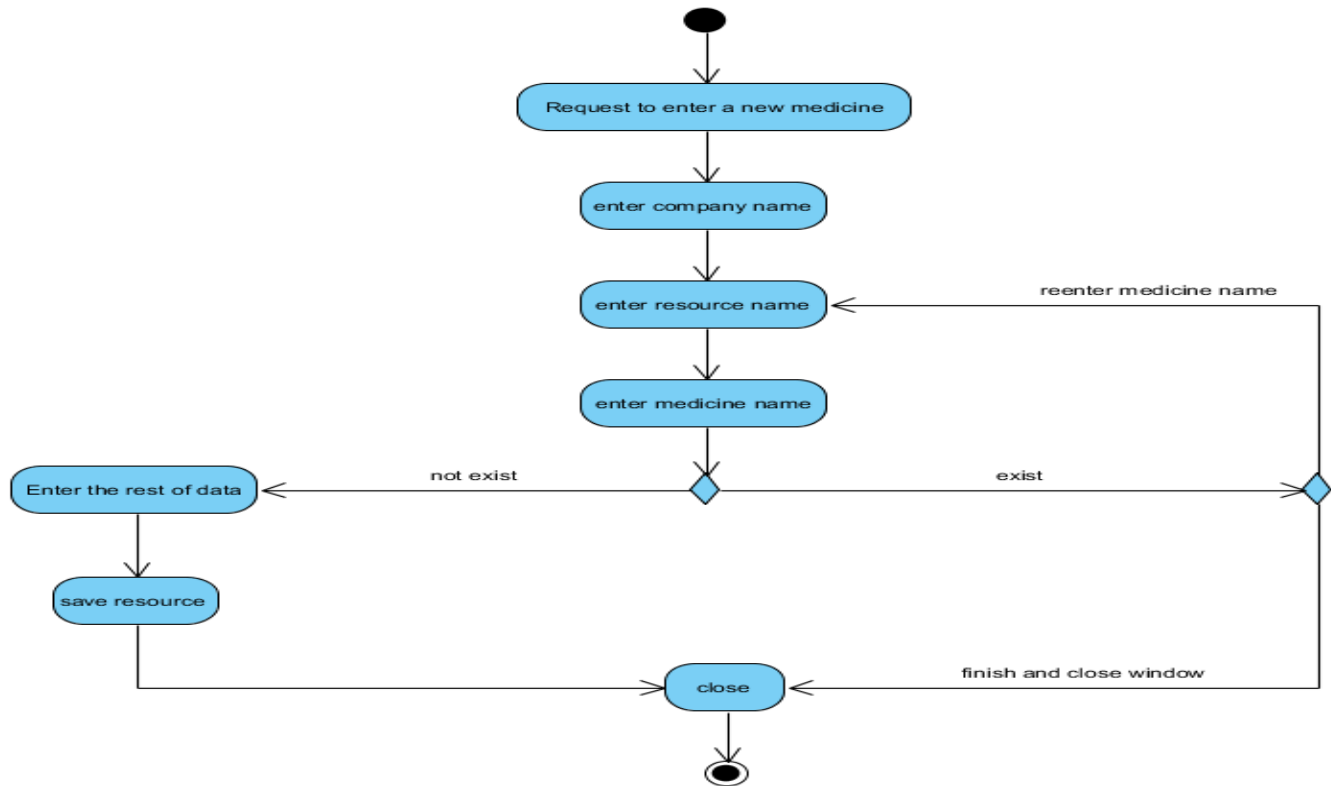
Info Flow of Events De

Flow of Events

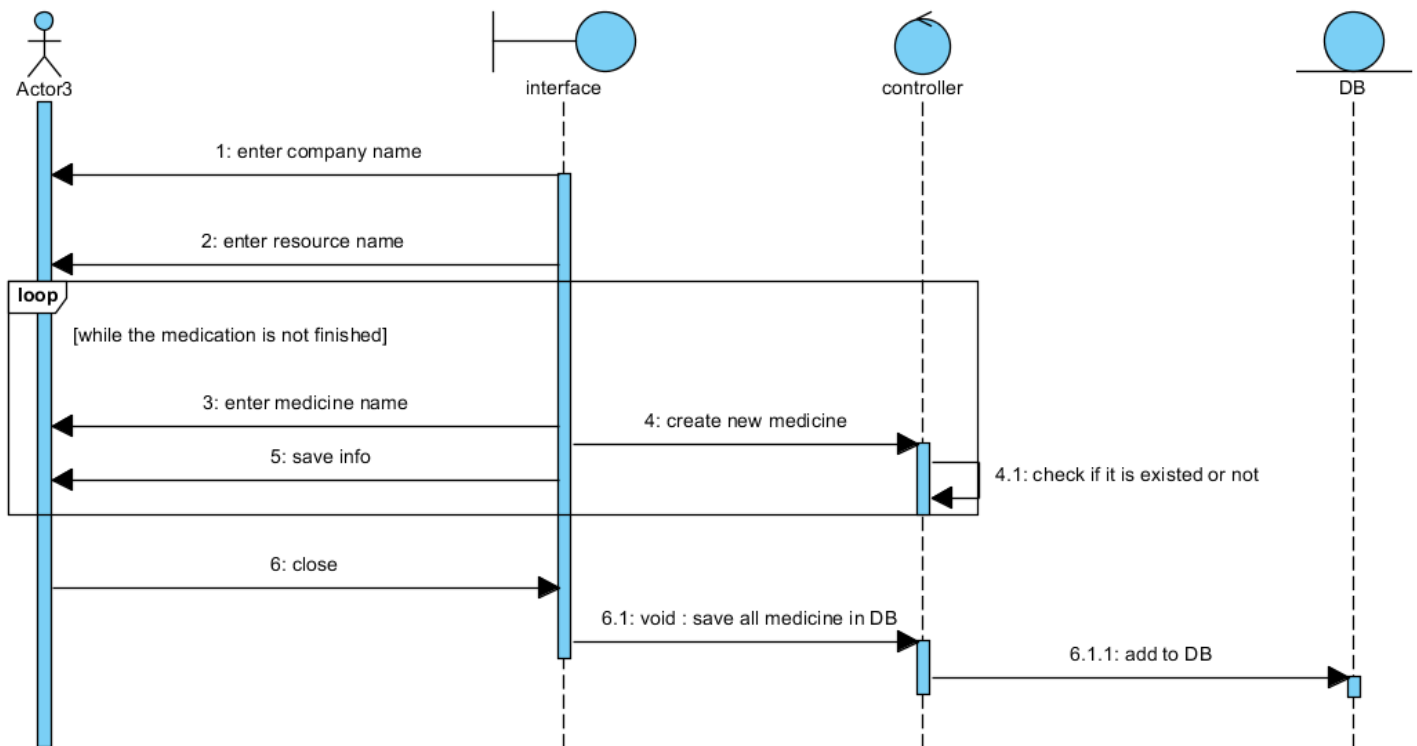
1. choose resource
2. delete it from DB

Preconditions: insert resource

Enter new medicine: activity diagram



Enter new medicine: sequence diagram



Description:

enter new medicine Details

Name: enter new medicine

Info Flow of Events Details Requirements Diagrams Test Plan References Description

Rank: <Unspecified>

Justification: add new item to DB

Primary Actors:

Supporting Actors:

Documentation:

HTML **B I U**

to achieve the required we will do this steps:
you will enter medicine name and make sure if not exist early in DB,
if no then enter the company name and the resource name and save info in DB

enter new medicine Details

Name: enter new medicine

Info Flow of Events Details Requirements

Flow of Events

1. enter medicine name
2. select if it must be pay with OTC or not
3. medicine form
4. company name

Preconditions:

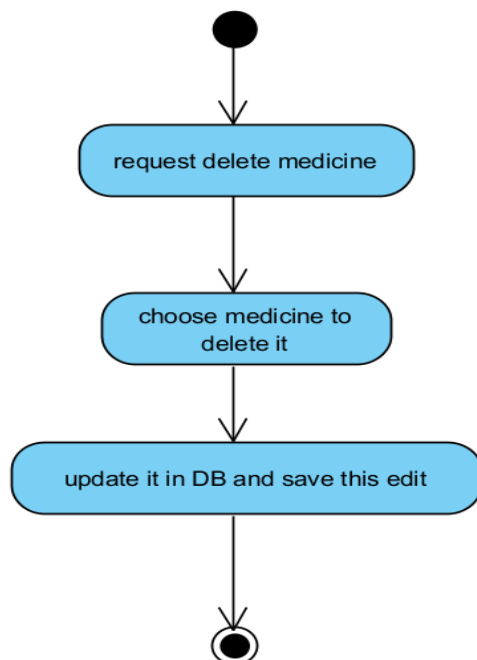
1-pharmacist should have an account in this website
2-insert new invoice

Post-conditions:

1-delete medicine
2-update medicine

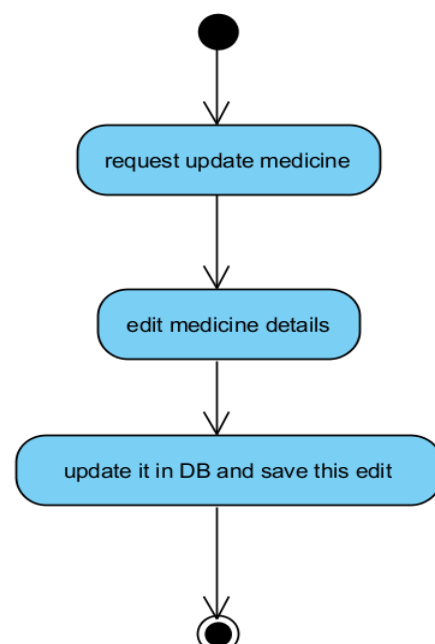
Delete medicine:

Activity diagram



Update medicine:

Activity diagram



Description:

delete medicine Details

Name: delete medicine

Info Flow of Events Details

Flow of Events

1. choose medicine
2. delete from DB with its info

Preconditions: insert medicine

update medicine Details

Name: update medicine

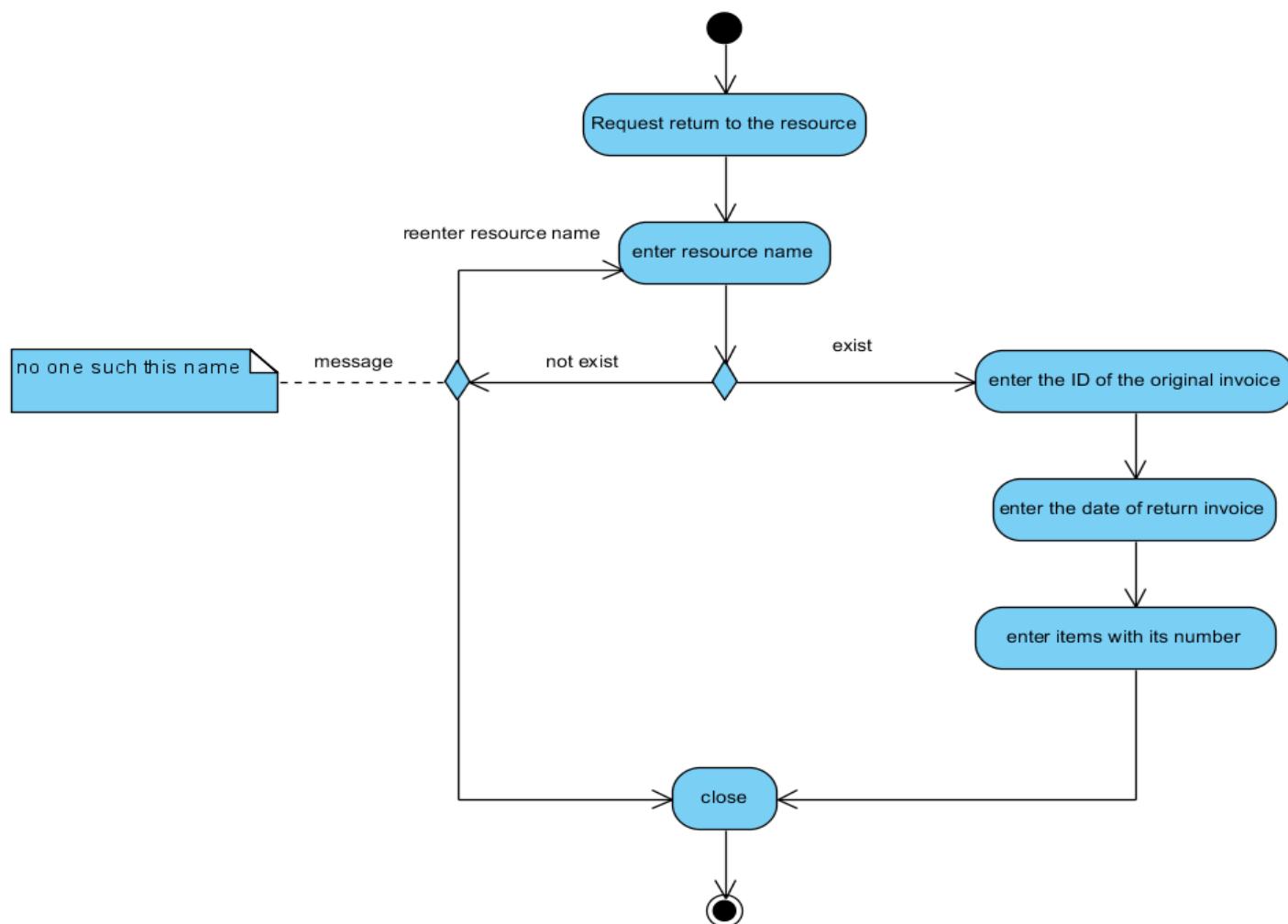
Info Flow of Events Details

Flow of Events

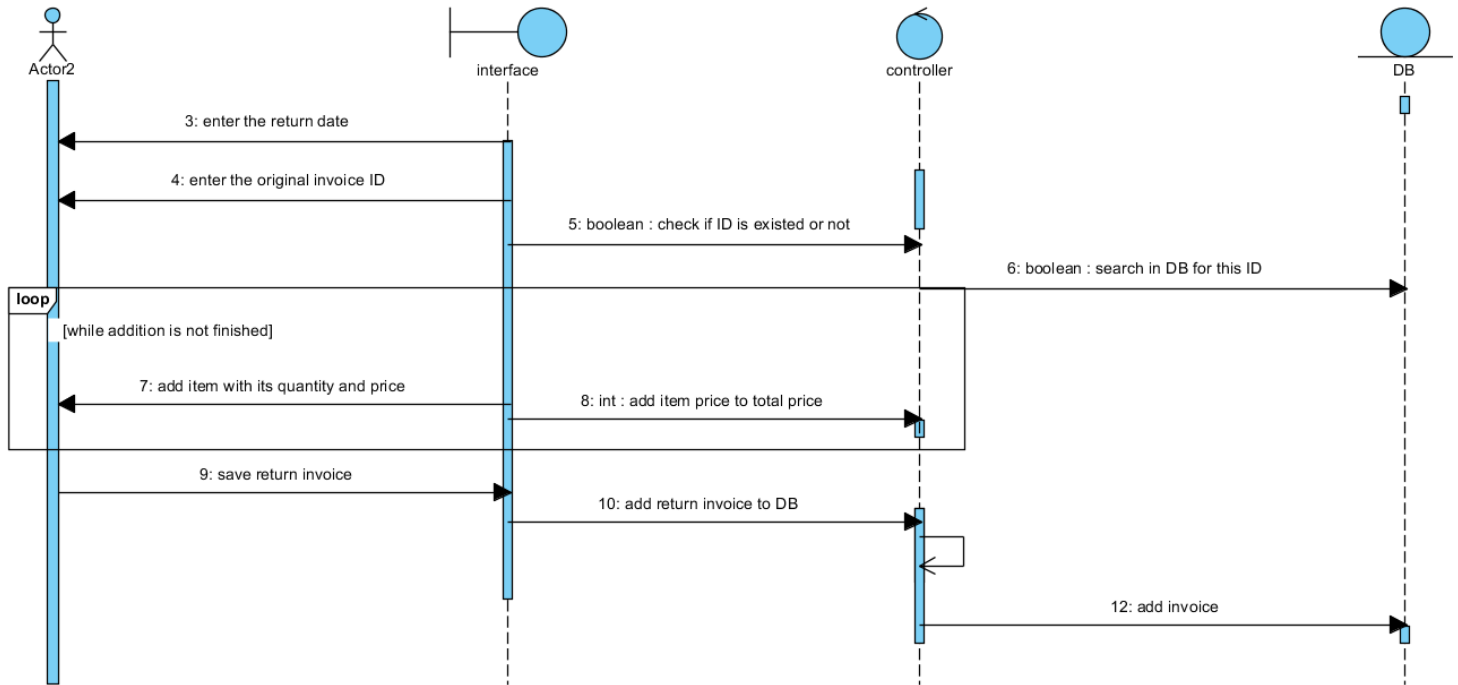
1. open medicine page
2. do edit in medicine details
3. save edit in DB

Preconditions: insert medicine

Return to the resource: activity diagram



Return to the resource: sequence diagram



Description:

return to the resource Details

Name: return to the resource

Info Flow of Events Details Requirements Diagrams Test Plan References Description

Rank: <Unspecified>

Justification: return invoice that took from resource

Primary Actors: pharmacist

Supporting Actors:

Documentation:

HTML

to achieve the required we will do this steps:
You will enter the return date and resource name and make sure that the resource exist in DB
if yes, you can start enter items with their quantity
when you have finished then save this return invoice in DB and do an edit on quantity items and the mean price in DB

return to the resource Details

Name: return to the resource

Info Flow of Events Details Requirements Diagrams Test Plan Refe

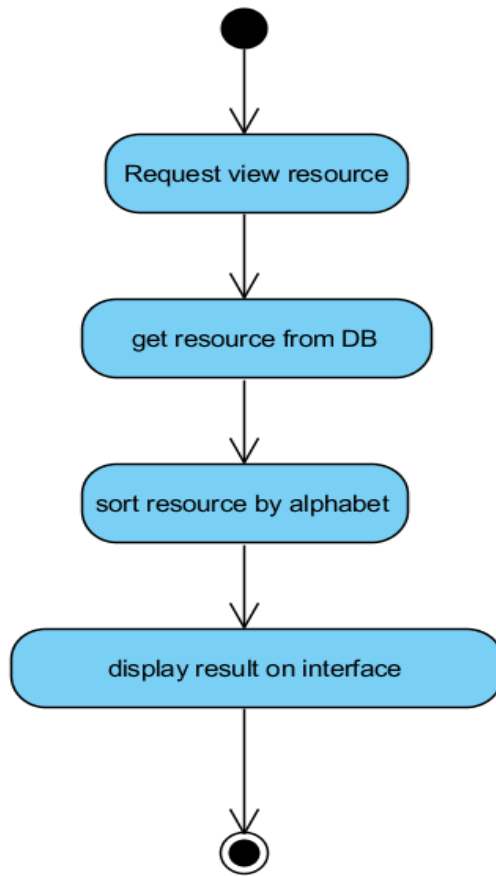
Flow of Events

1. create new return resource invoice connecting with original invoice by ID
2. select the return date and return items with there quantity
3. decrease total price from from original price

Preconditions:

- 1-pharmacist should have an account in this website
- 2-insert invoice before this invoice

View resource: [available diagram](#)



Description:

show resource Details

Name: show resource

Info Flow of Events Details Requirements

Flow of Events

1. order to show the resource
2. then the project will get it from the DB
3. sort it by alphabet
4. display in interface

Name:

Info | Flow of Events | Details | Requirements | Diagrams | Test Plan | References | Description

Rank:

Justification:

Primary Actors:

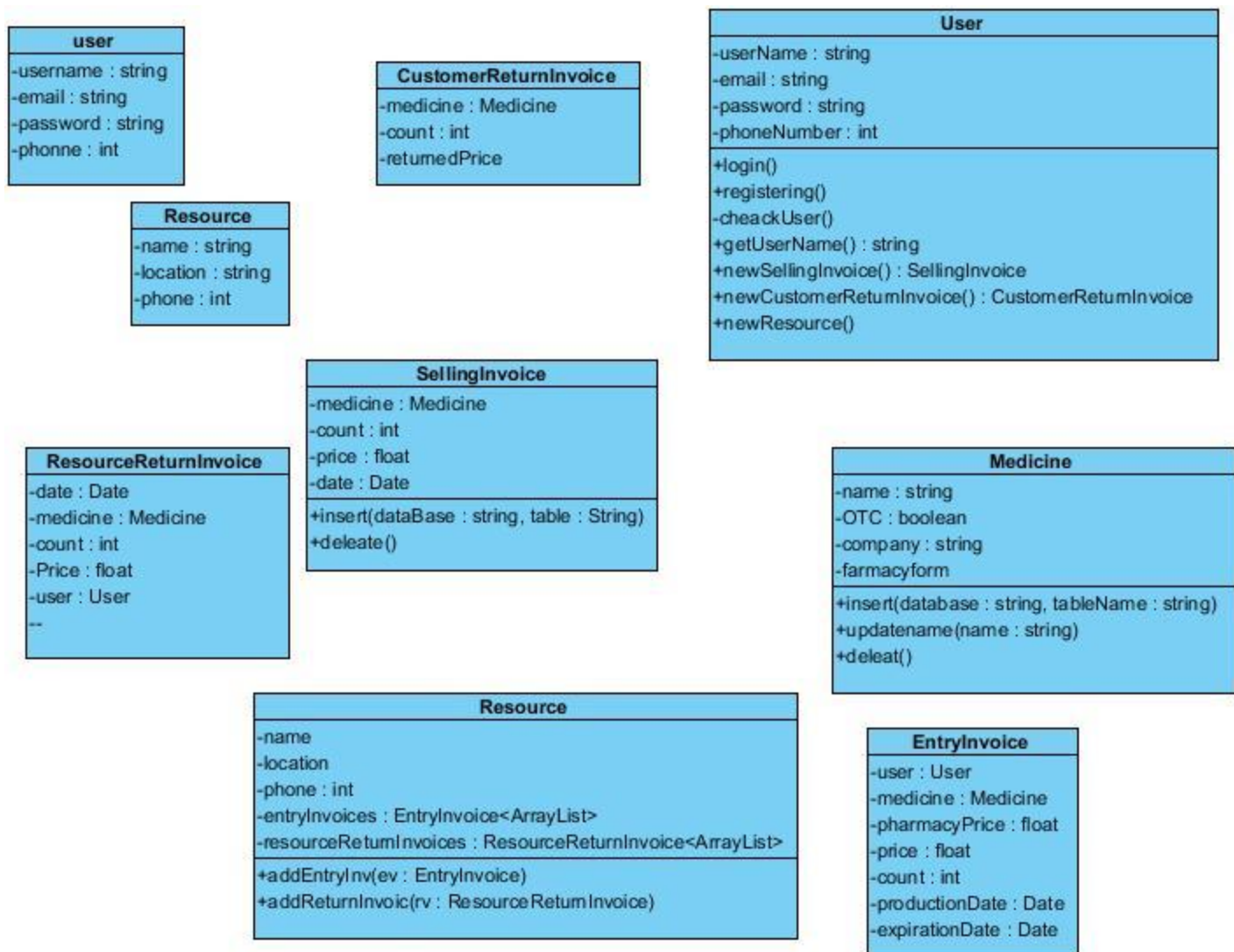
Supporting Actors:

Documentation:

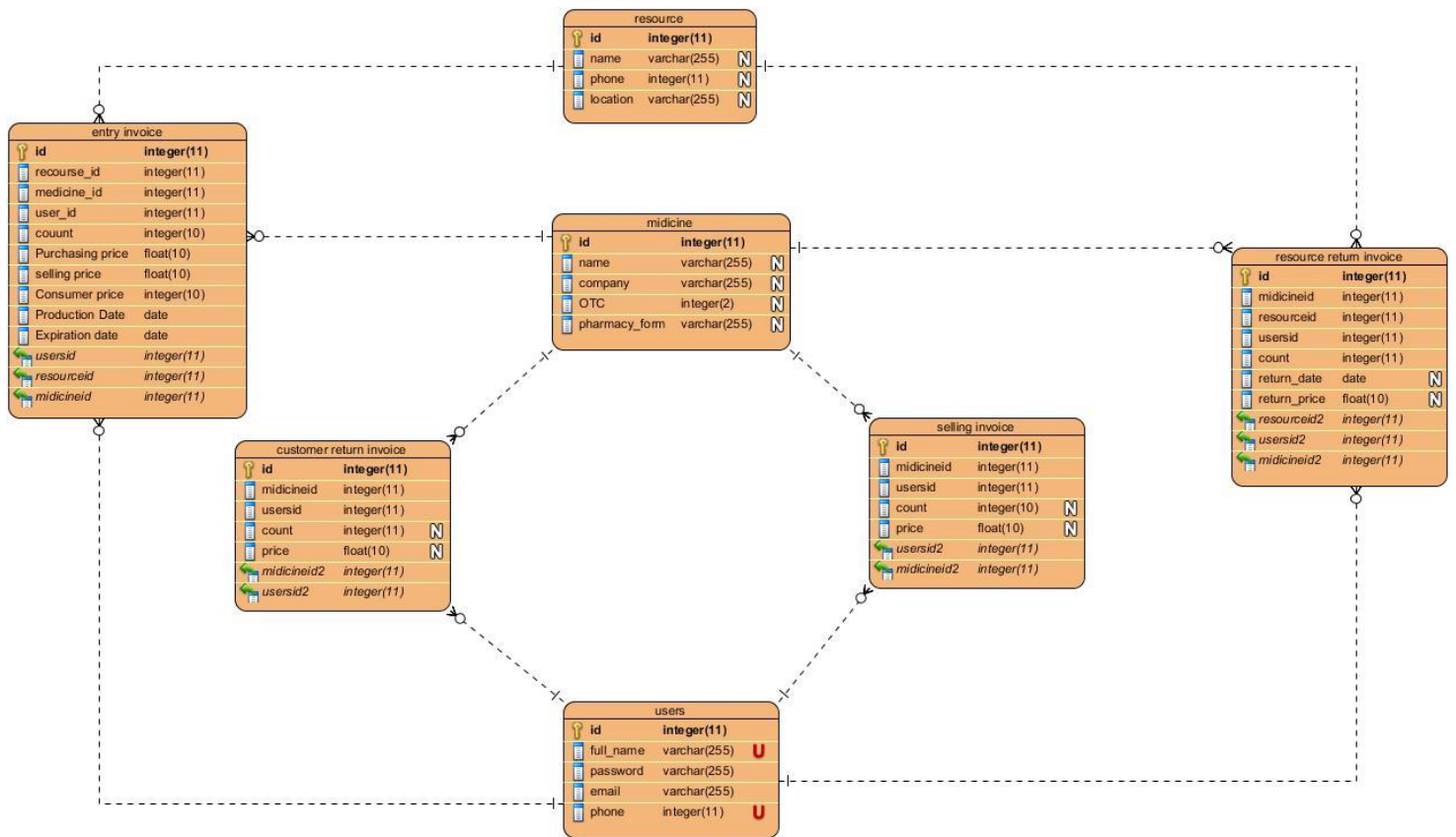
HTML **B** *I* u **F** **Ff**

In this use case the pharmacist will order to show the resource .. then the project will get it from the DB and sort it by alphabet then display in interface

Class Diagram:



ERD:



gitHub: <https://github.com/rafahmnjd/GRPharmacy>