

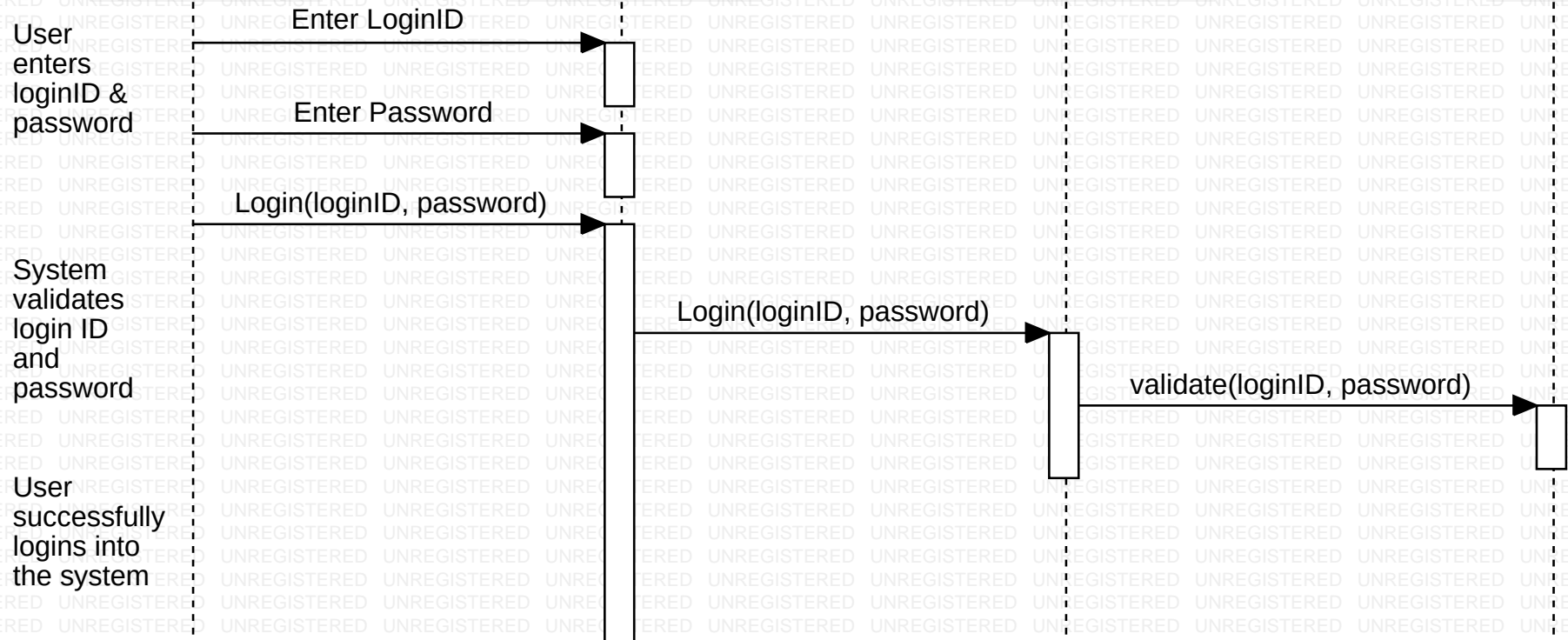
interaction Login Basic Flow1: Login

Hospital Staff

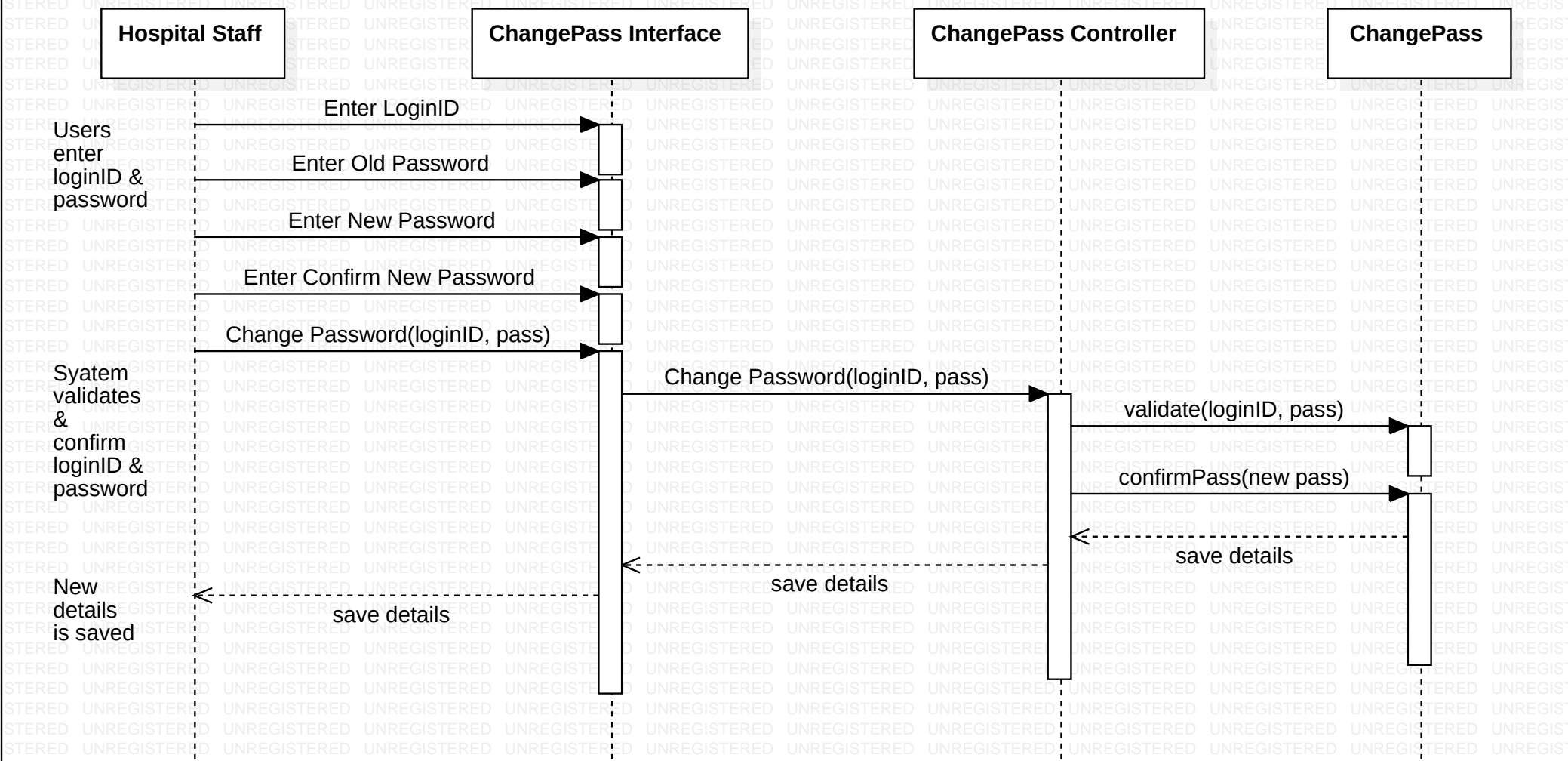
Login Interface

Login Controller

Login



interaction Login Basic Flow2: Change Password



interaction Login Alt Flow1: Invalid loginID & password

Hospital Staff

Login Interface

Login Controller

Login

User
enters
loginID &
password

Enter LoginID

Enter Password

Login(loginID, password)

System
validates
loginID &
password

Login(loginID, password)

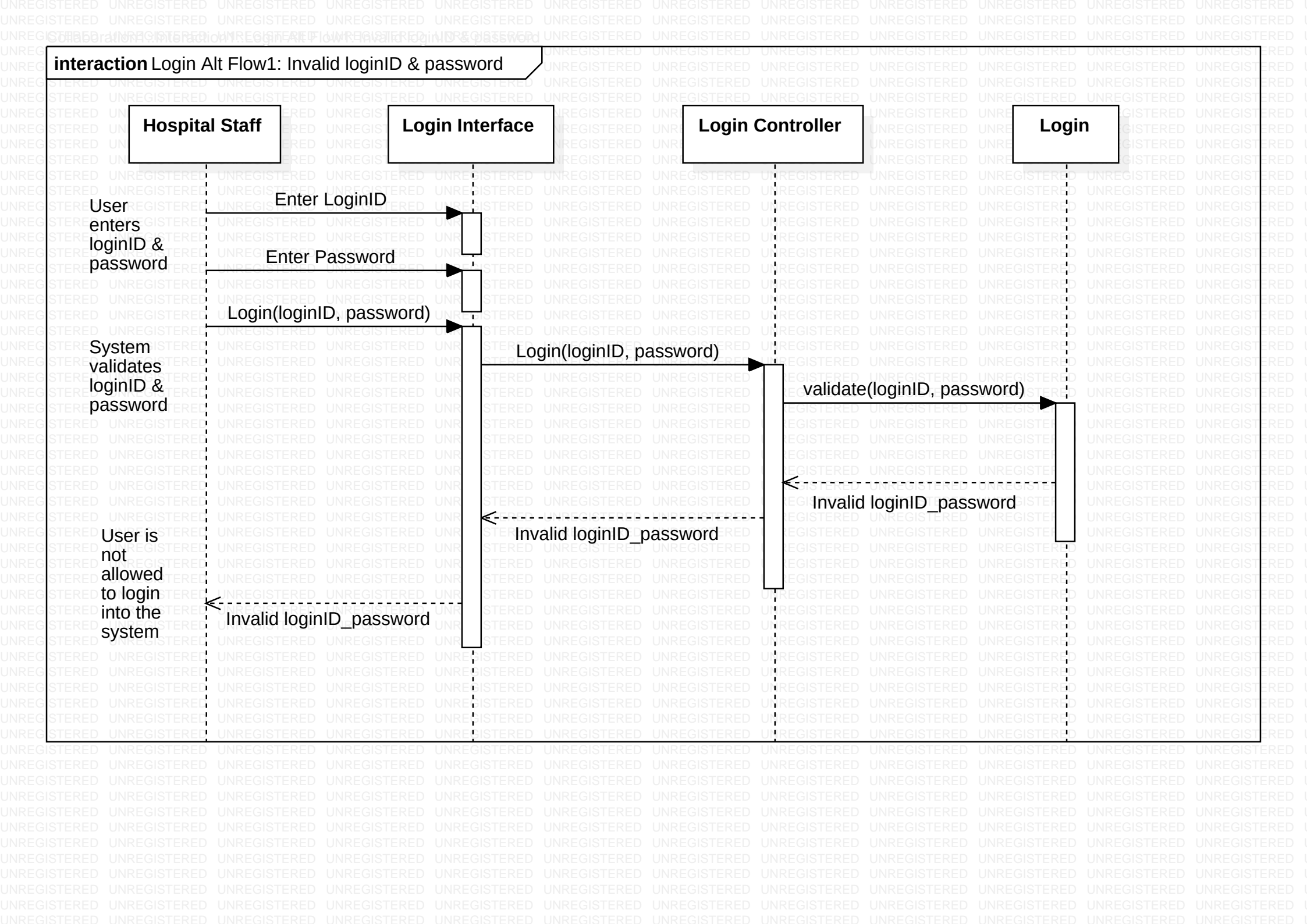
validate(loginID, password)

Invalid loginID_password

Invalid loginID_password

User is
not
allowed
to login
into the
system

Invalid loginID_password



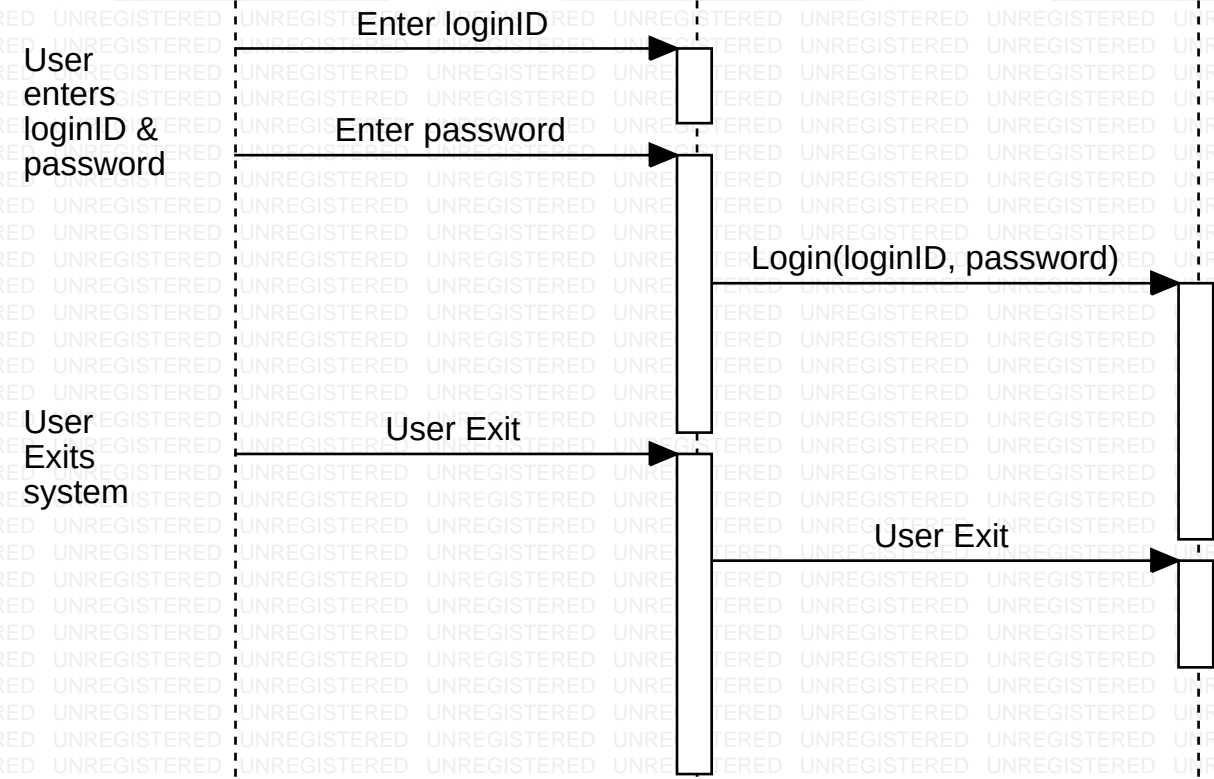
interaction Login Alt Flow2: User Exits

Hospital Staff

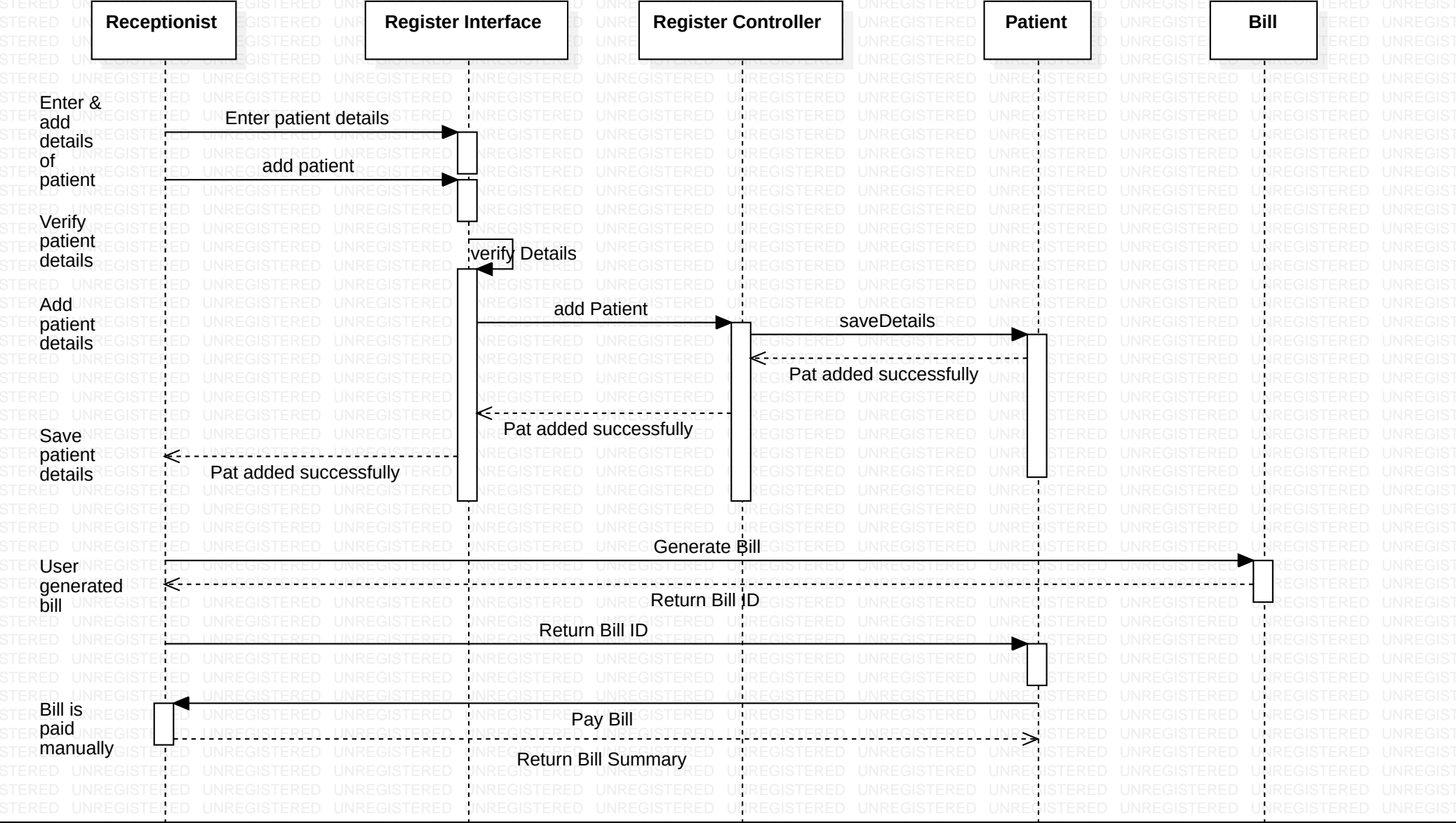
Login Interface

Login Controller

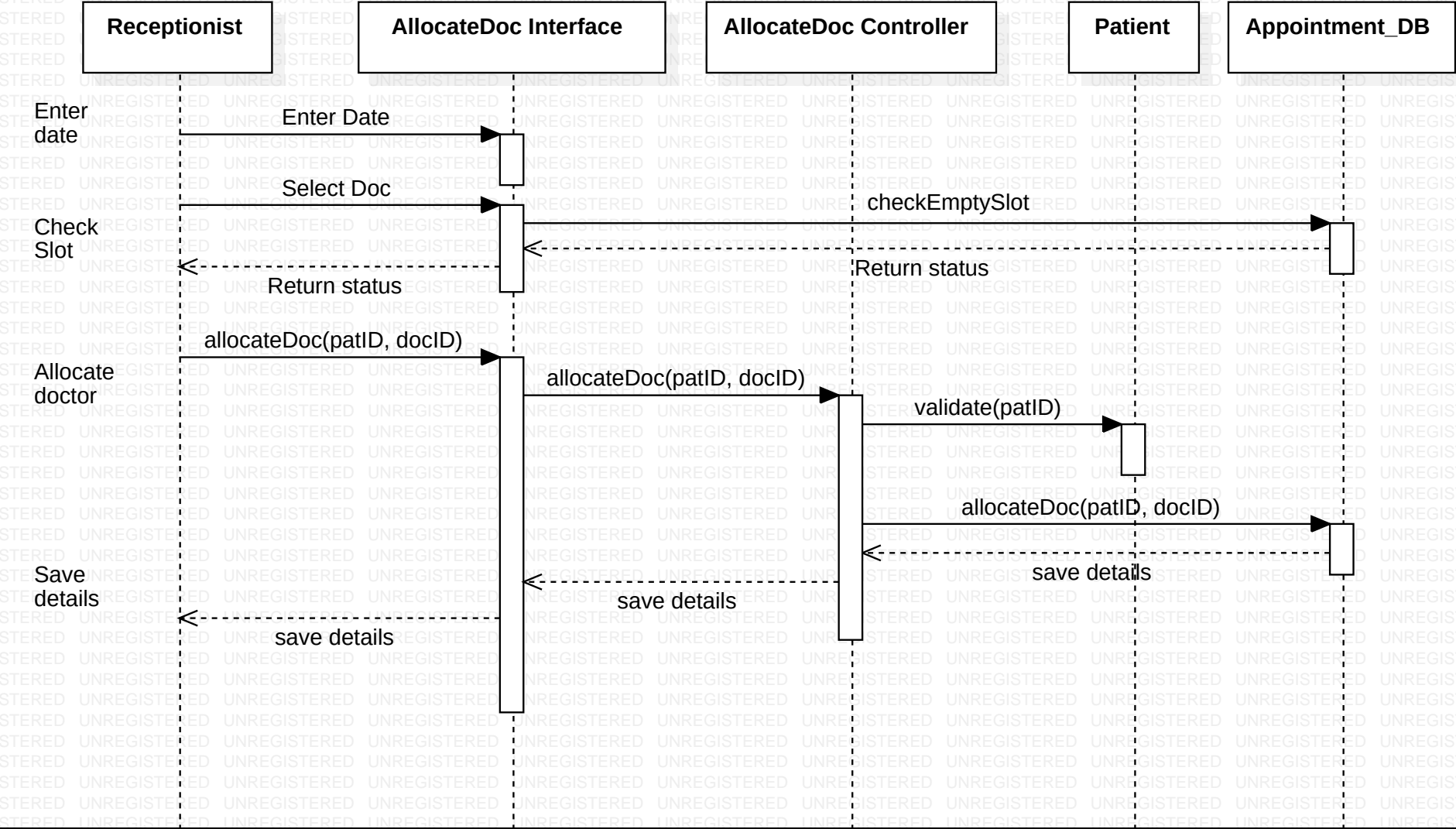
Login



interaction Patient Reg Basic Flow: New Registration



interaction Allocate Doctor _Basic Flow: Allocate Doctor



interaction Allocate Doctor_Alt Flow: Doctor not available

Receptionist

Allocate Doc Interface

Allocate Doc Controller

Patient

Appointment DB

Enter date

Enter Date

Select Doc

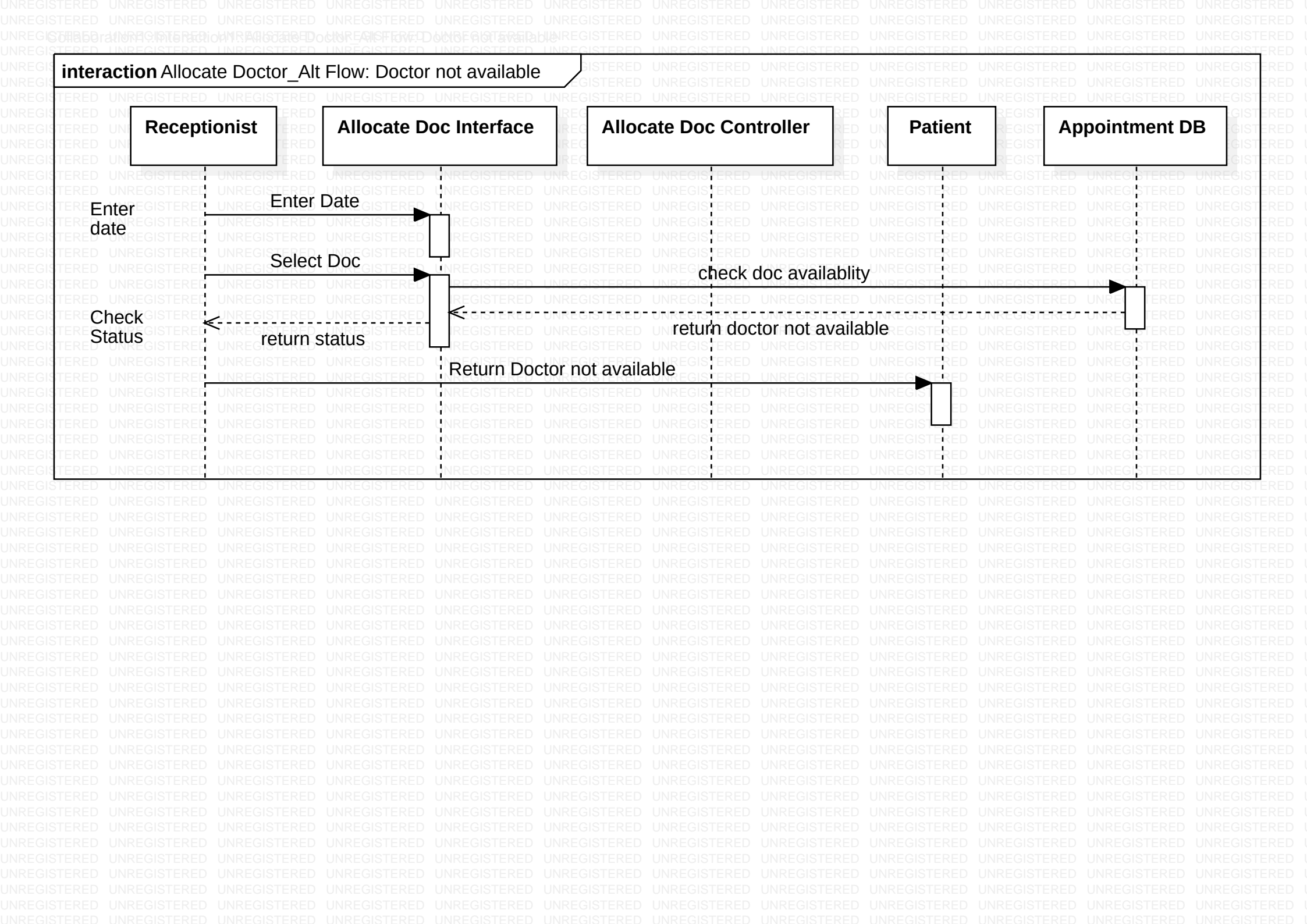
check doc availability

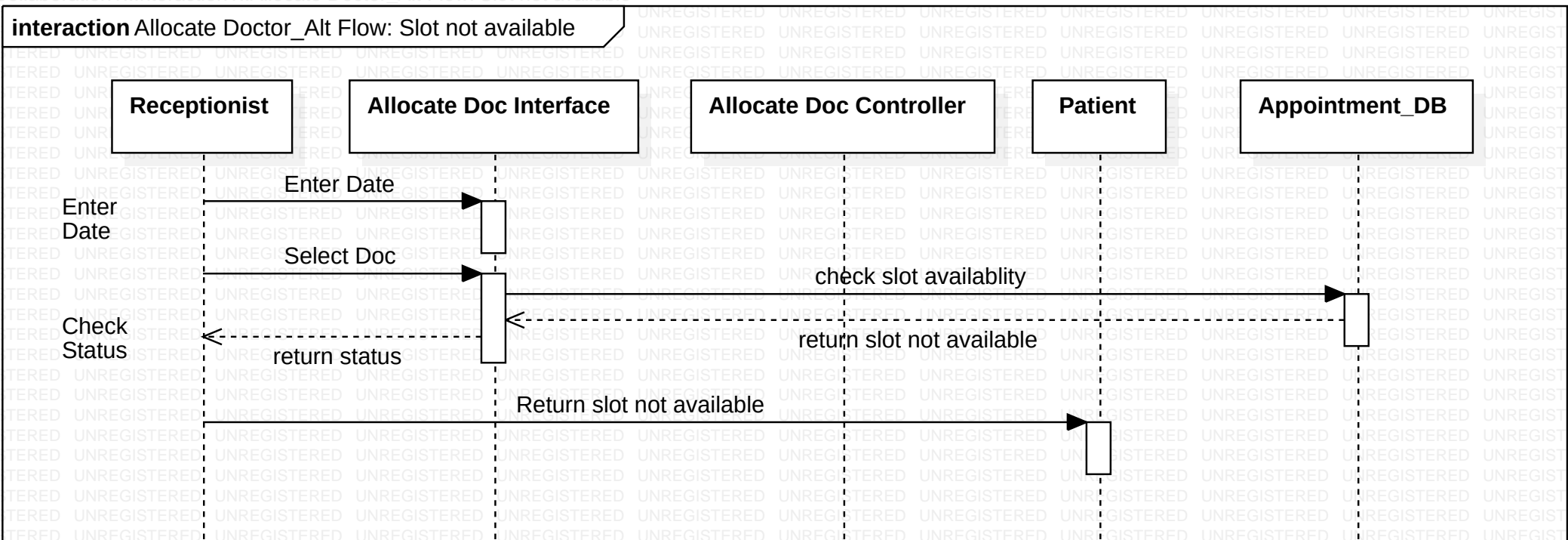
Check Status

return status

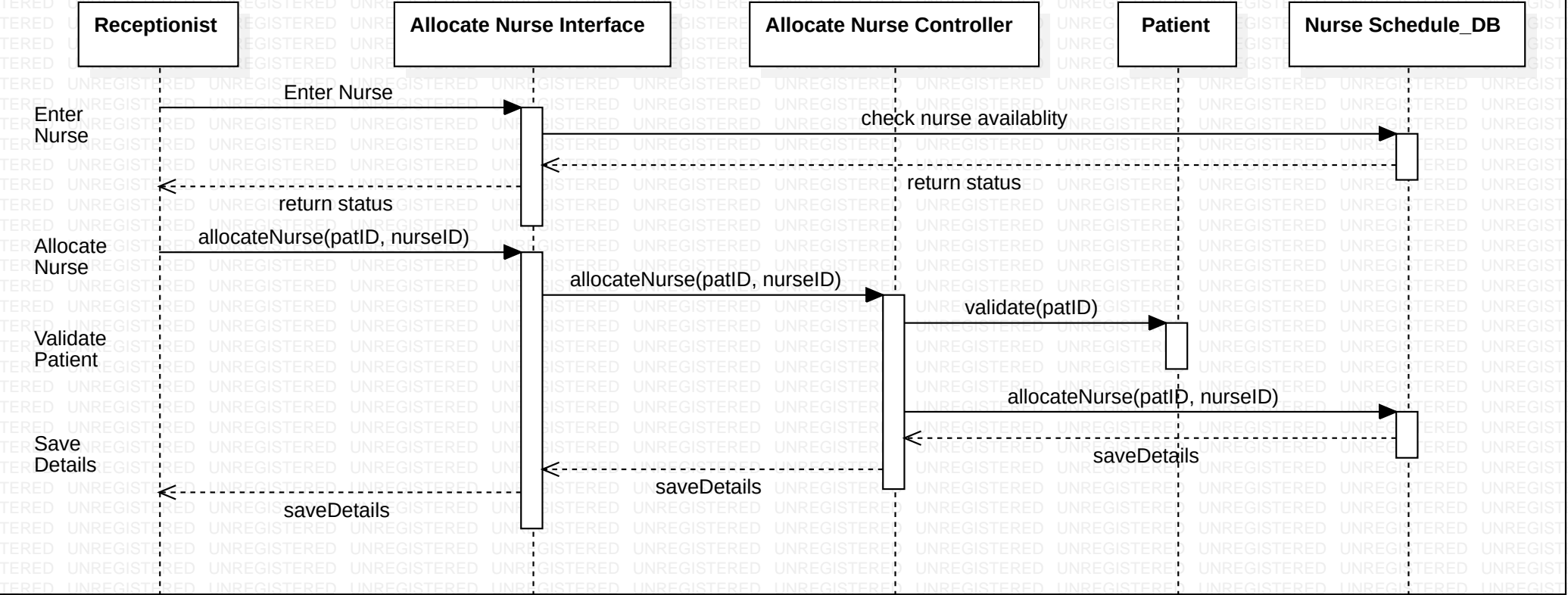
return doctor not available

Return Doctor not available

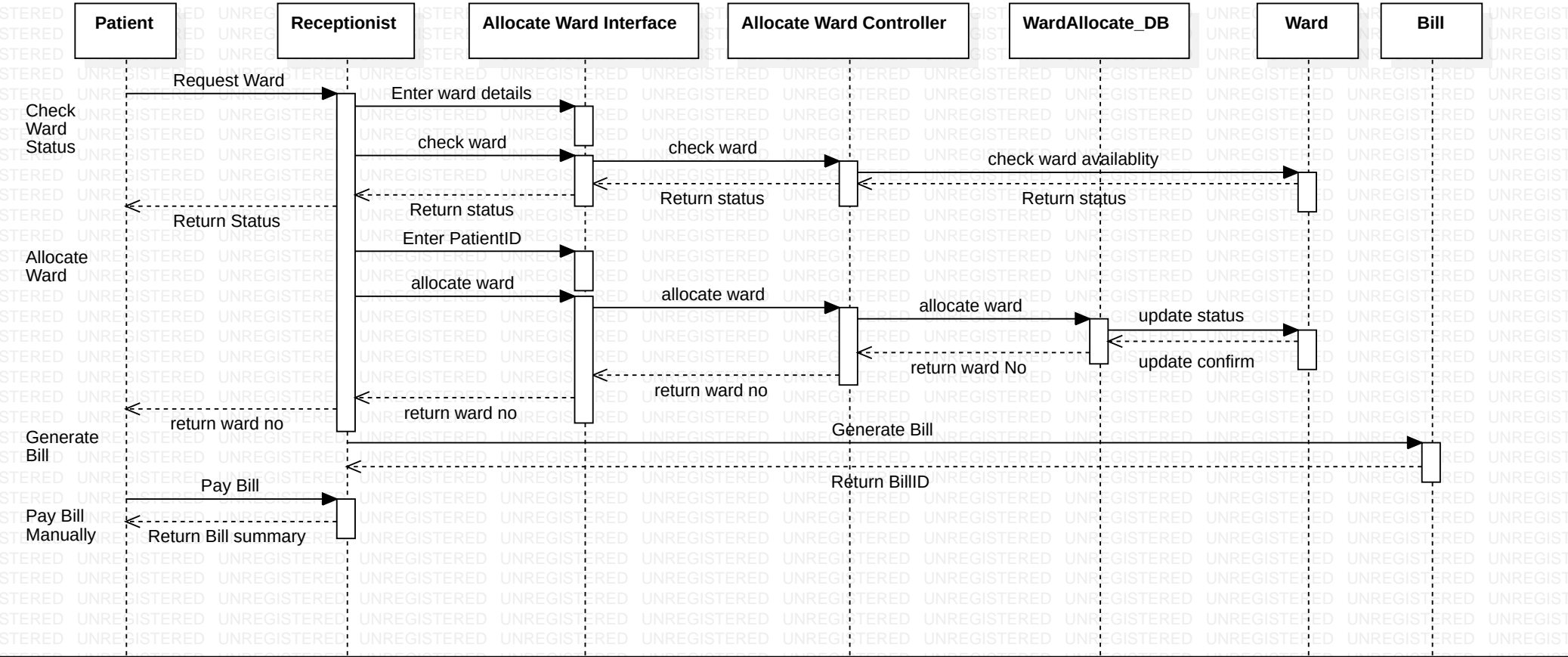




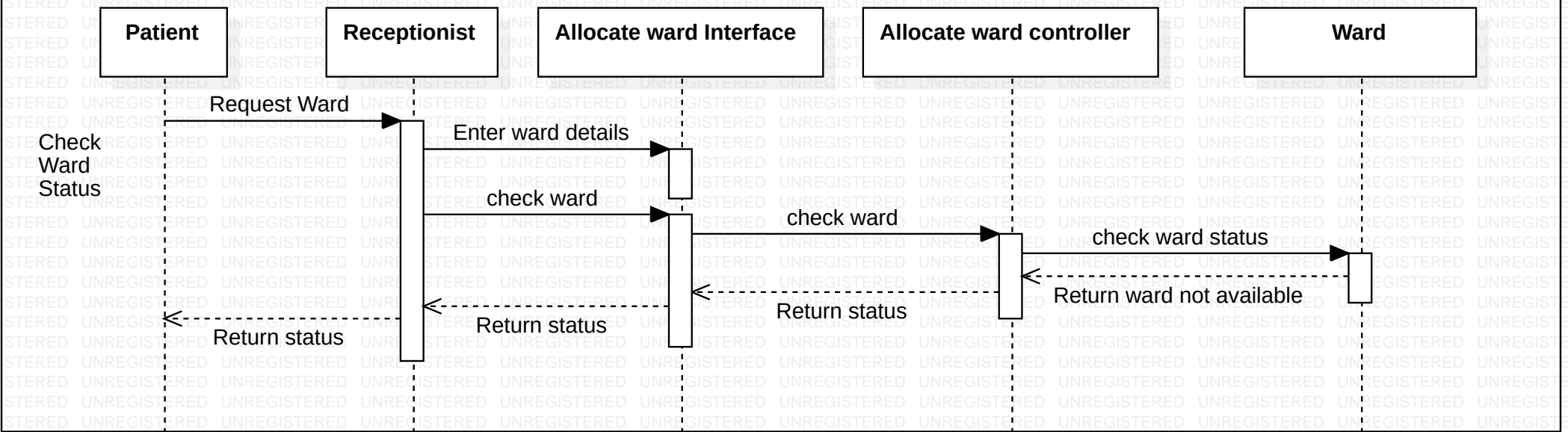
interaction Allocate Nurse_Basic Flow: Allocate Nurse



interaction Allocate Ward_Basic Flow: Allocate ward



interaction Allocate Ward_Alt Flow: Ward Not Available



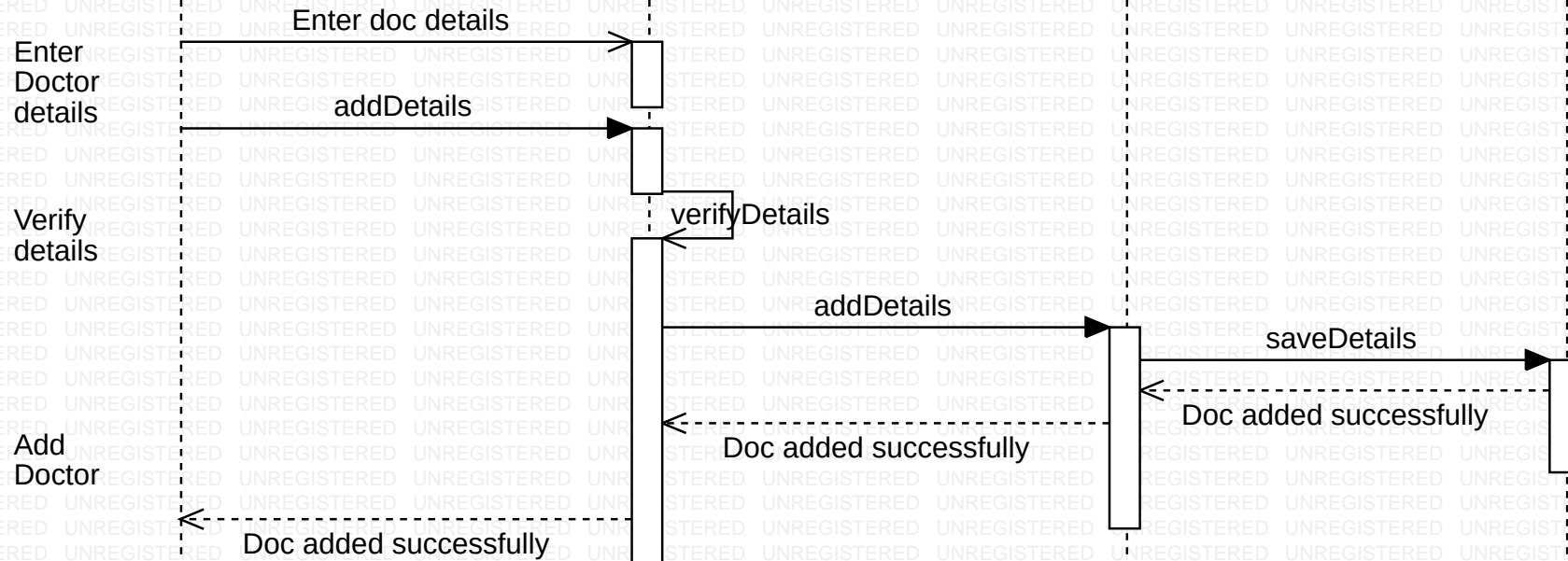
interaction Maintain Doctor Details: Add a Doctor

Admin

Doctor Interface

Doctor Controller

Doctor



Enter
Doctor
details

Enter doc details

addDetails

verifyDetails

addDetails

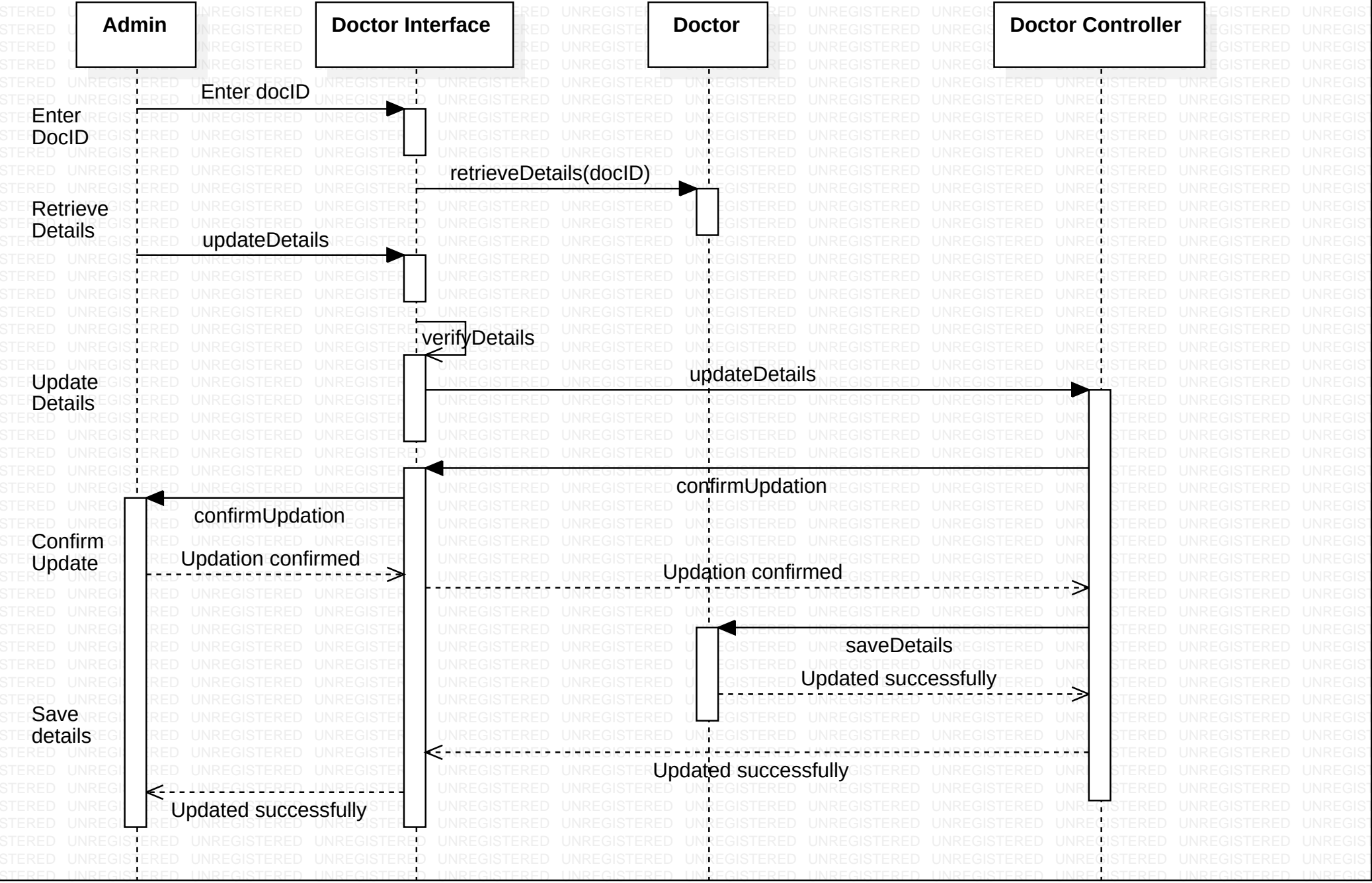
saveDetails

Doc added successfully

Doc added successfully

Doc added successfully

interaction Maintain Doctor Details: Update Doctor



interaction Maintain Doctor Details: Delete a Doctor

Admin

Doctor Interface

Doctor Controller

Doctor

Enter
docID

Enter docID

deleteDoctor(docID)

Verify
Doc

verifyDOctor

Delete
Doc

deleteDoctor(docID)

Confirm
Delete

confirmDeletion

Deletion confirmed

Save
Delete

Deleted successfully

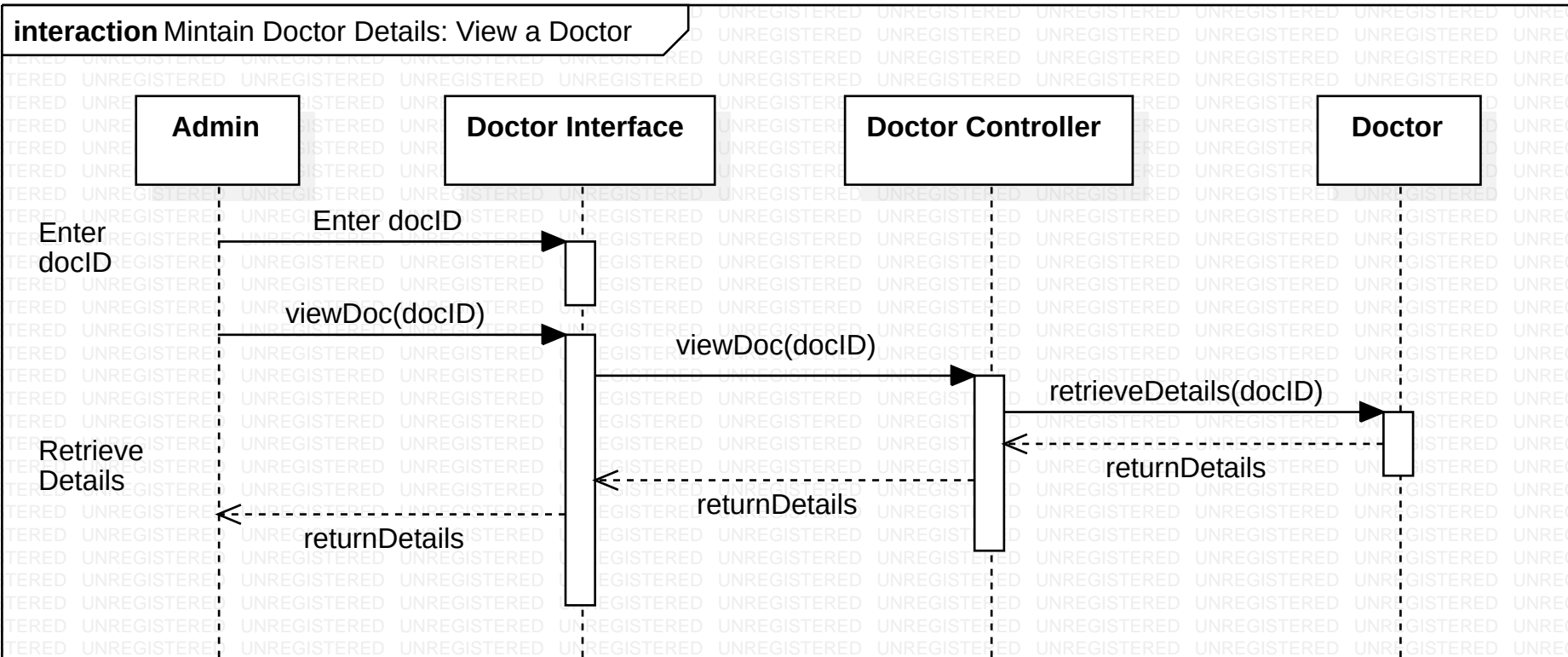
Deleted successfully

confirmDeletion

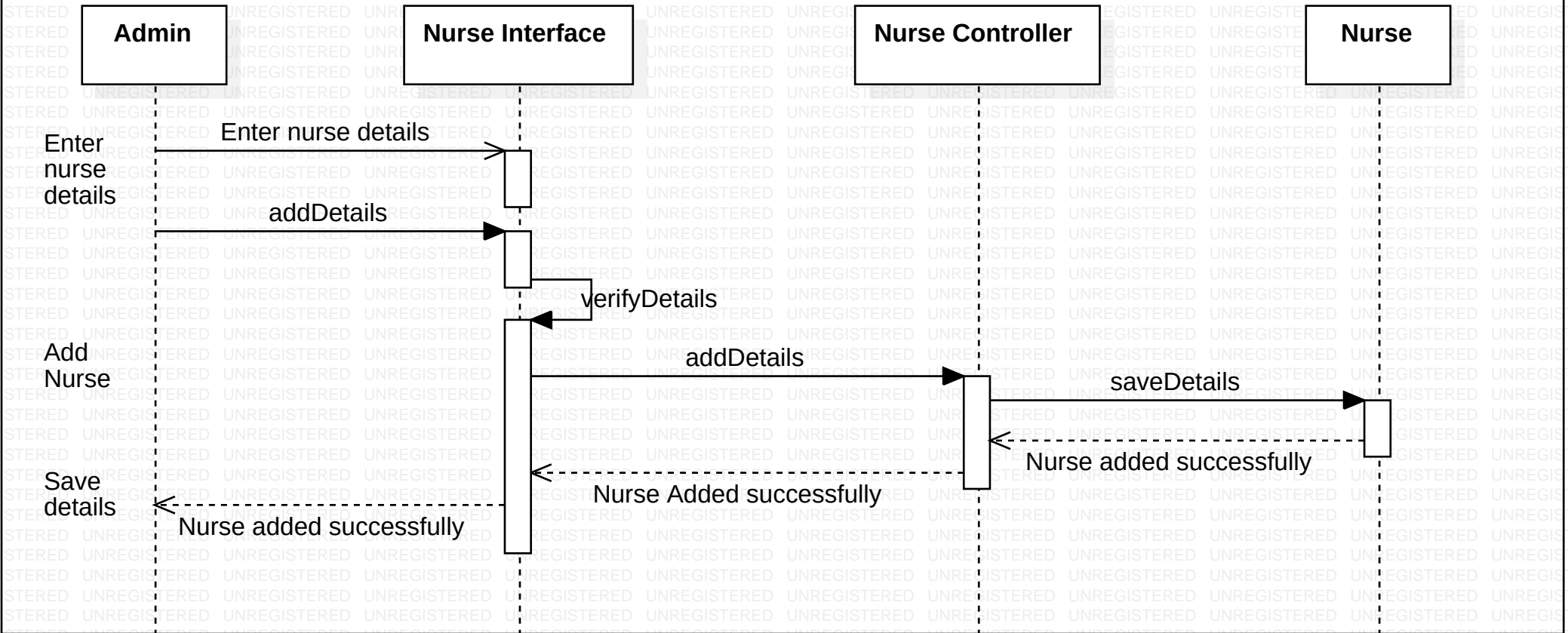
Deletion confirmed

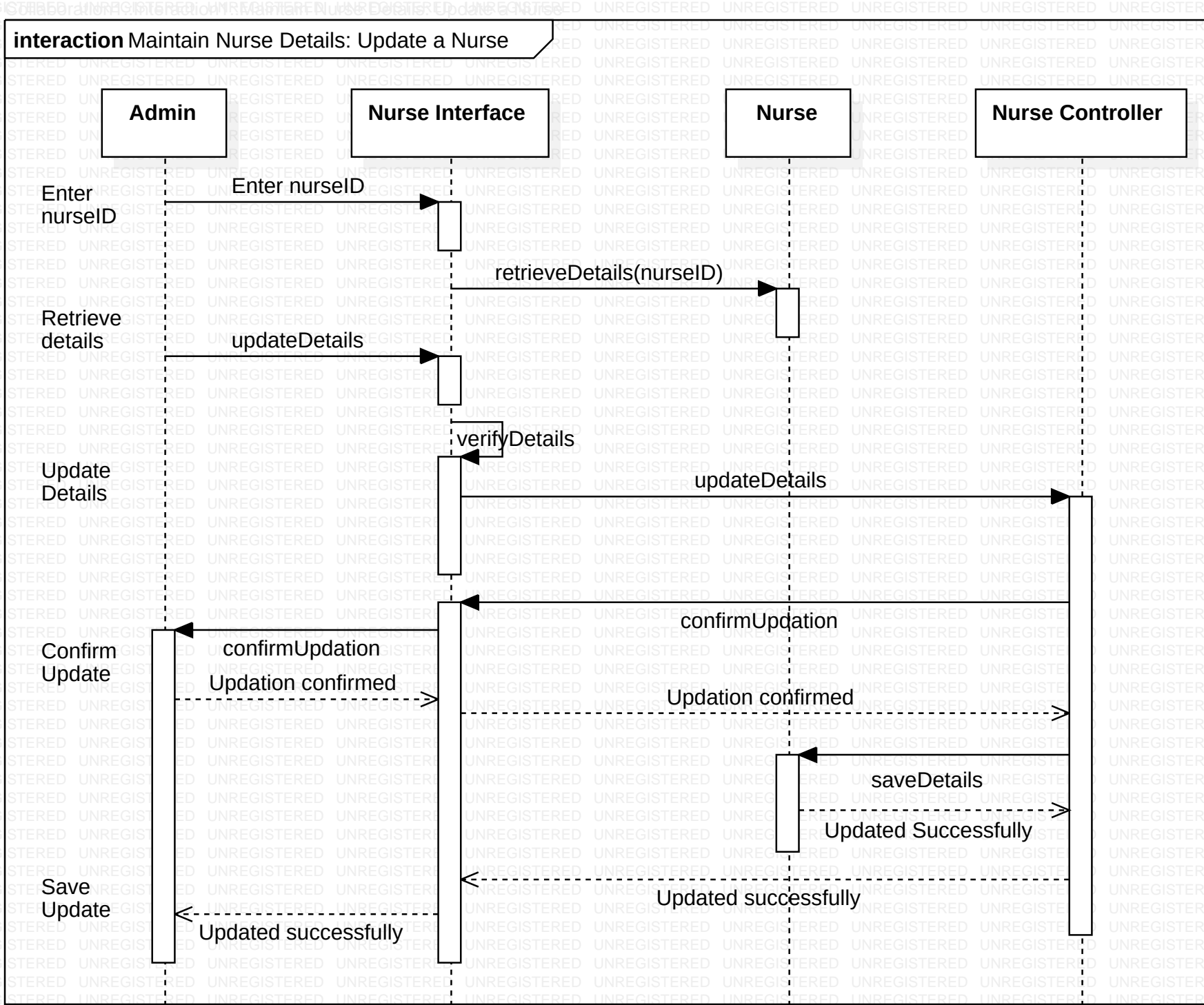
deleteDoctor(docID)

Deleted successfully

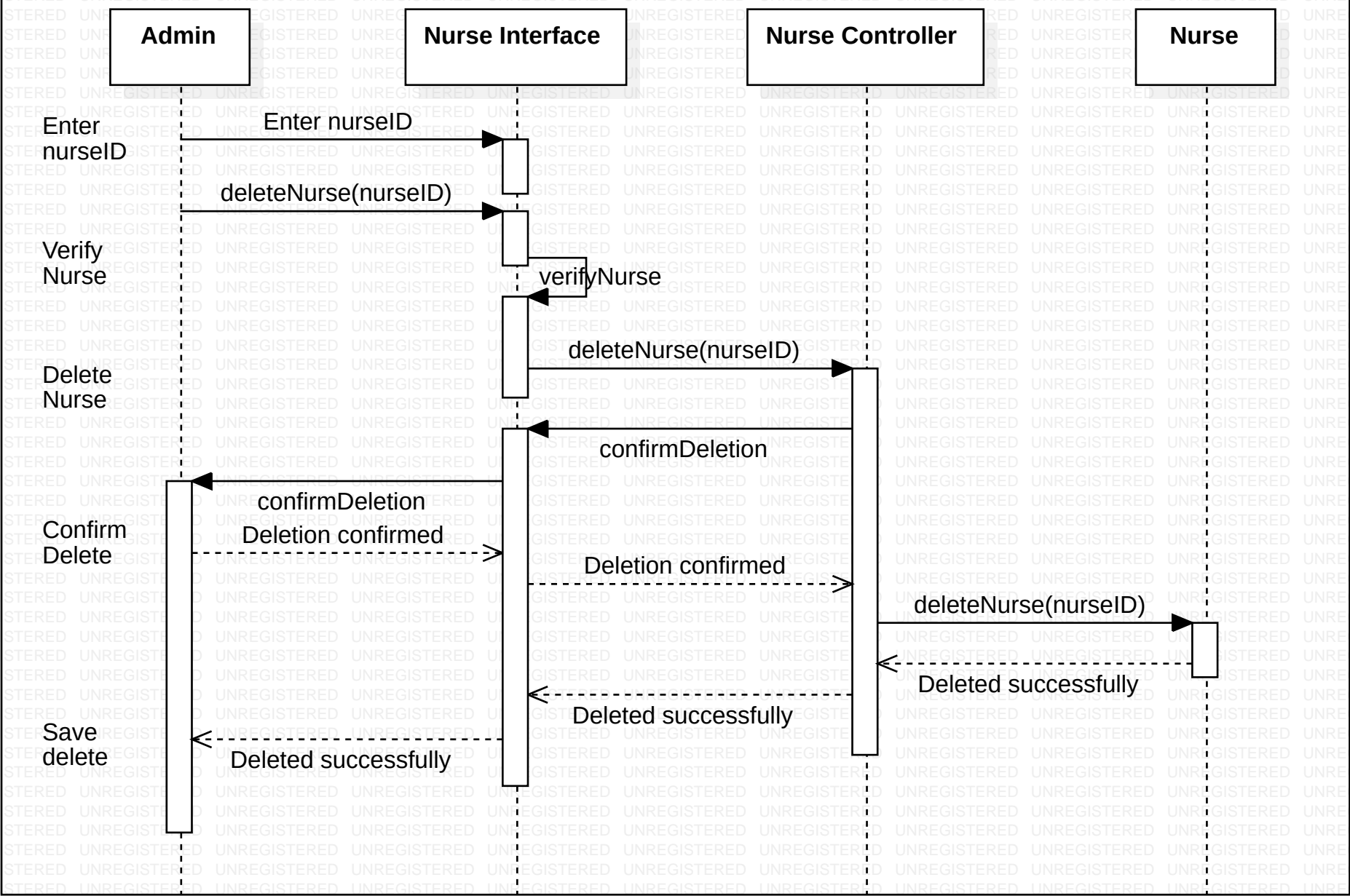


interaction Maintain Nurse Details: Add a Nurse

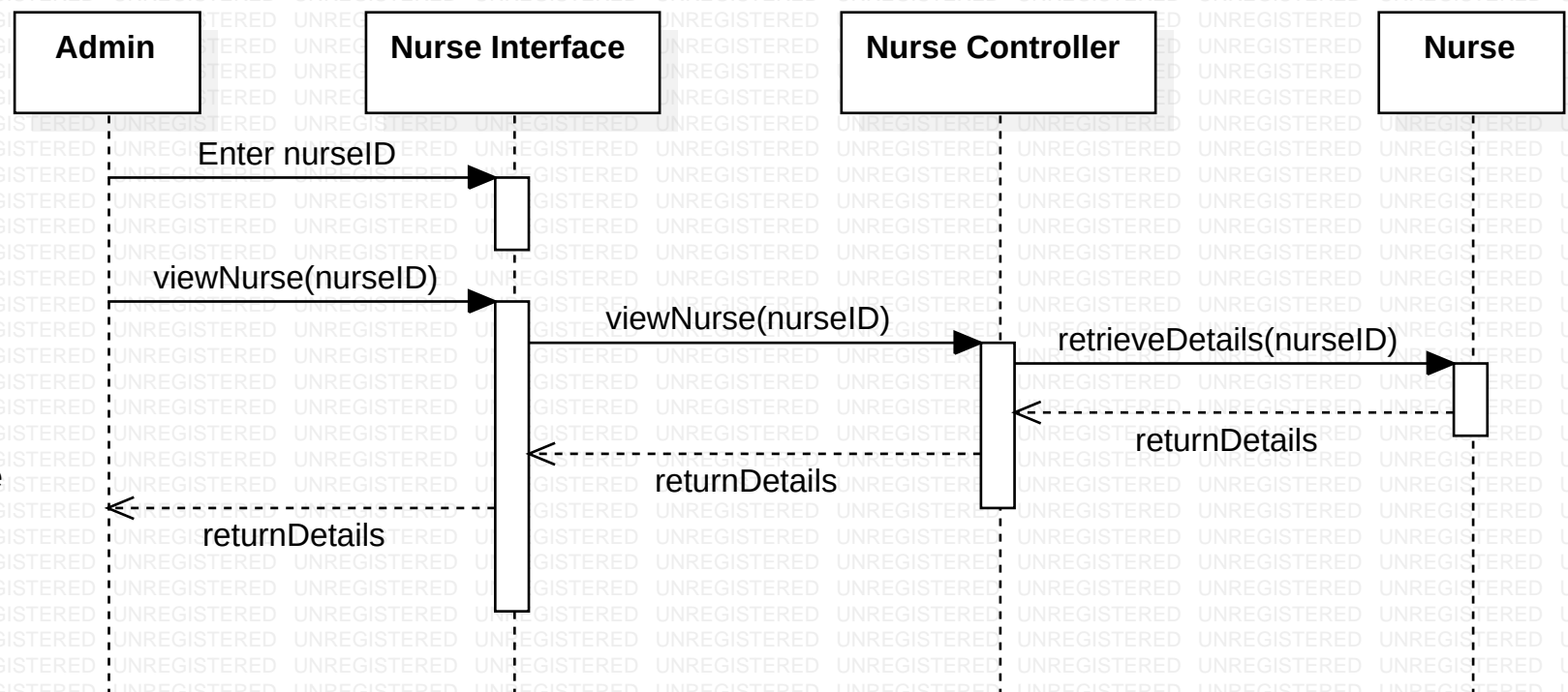


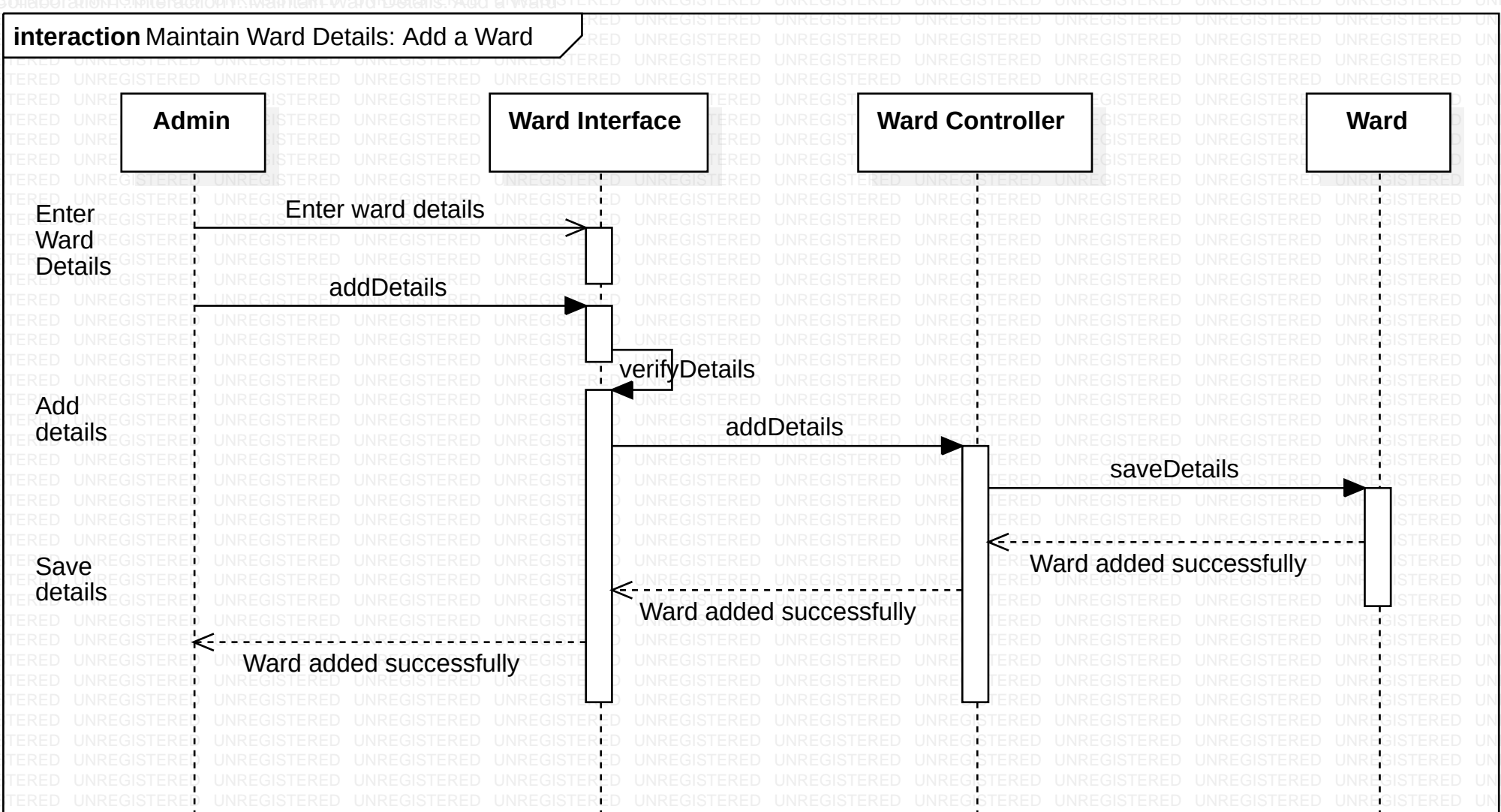


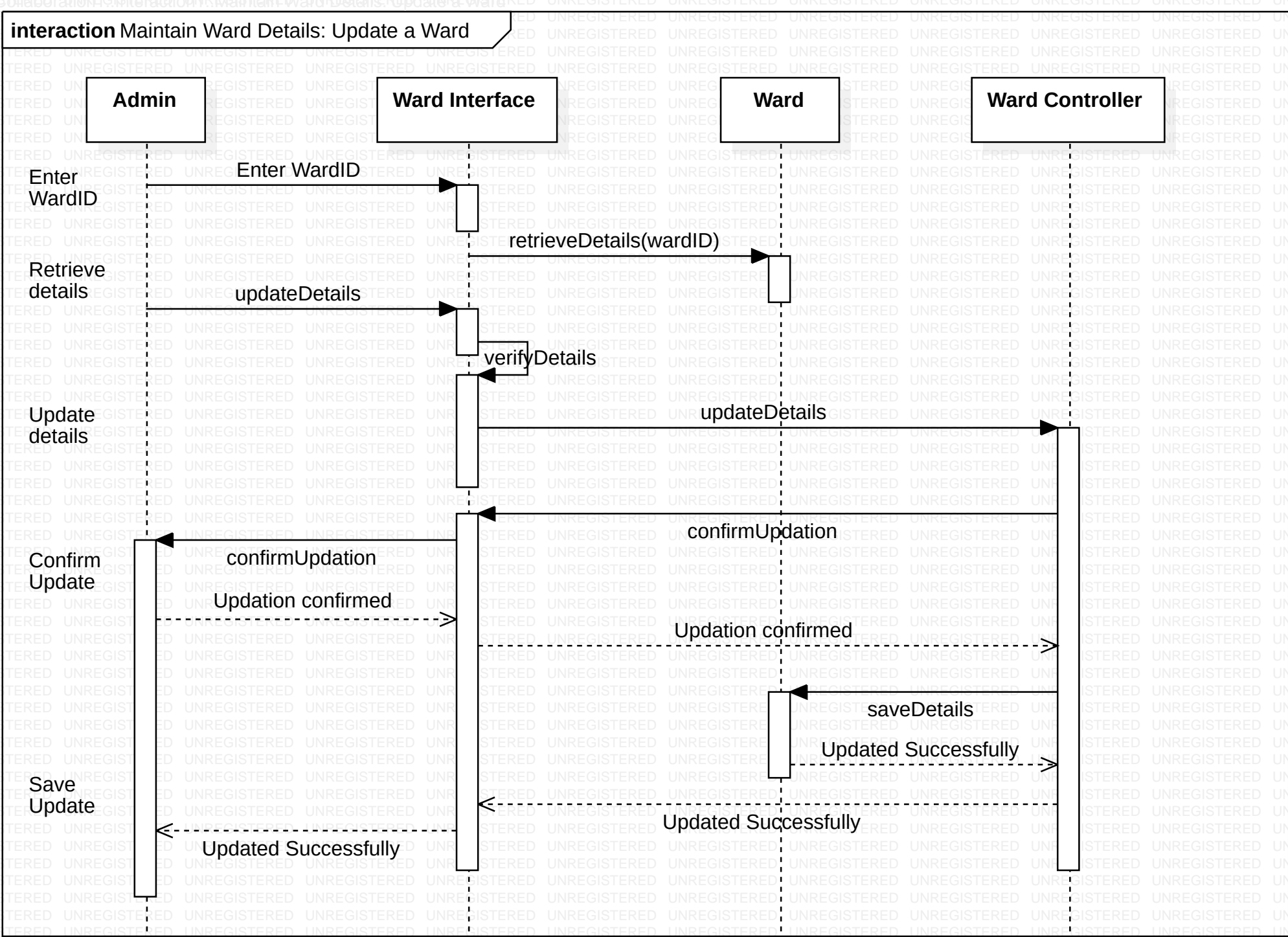
interaction Maintain Nurse Details: Delete a Nurse



interaction Maintain Nurse Details: View a Nurse







interaction Maintain Ward Details: Delete a Ward

Admin

Ward Interface

Ward Controller

Ward

Enter
wardID

Enter wardID

deleteWard(wardID)

Verify
Ward

verifyWard

deleteWard(wardID)

Delete
ward

confirmDeletion

confirmDeletion

Confirm
Delete

Deletion confirmed

Deletion confirmed

deleteWard(wardID)

Save
Delete

Deleted successfully

Deleted successfully

Deleted successfully

interaction Maintain Ward Details: View a Ward

Admin

Ward Interface

Ward Controller

Ward

Enter
WardID

Enter wardID

viewWard(wardID)

viewWard(wardID)

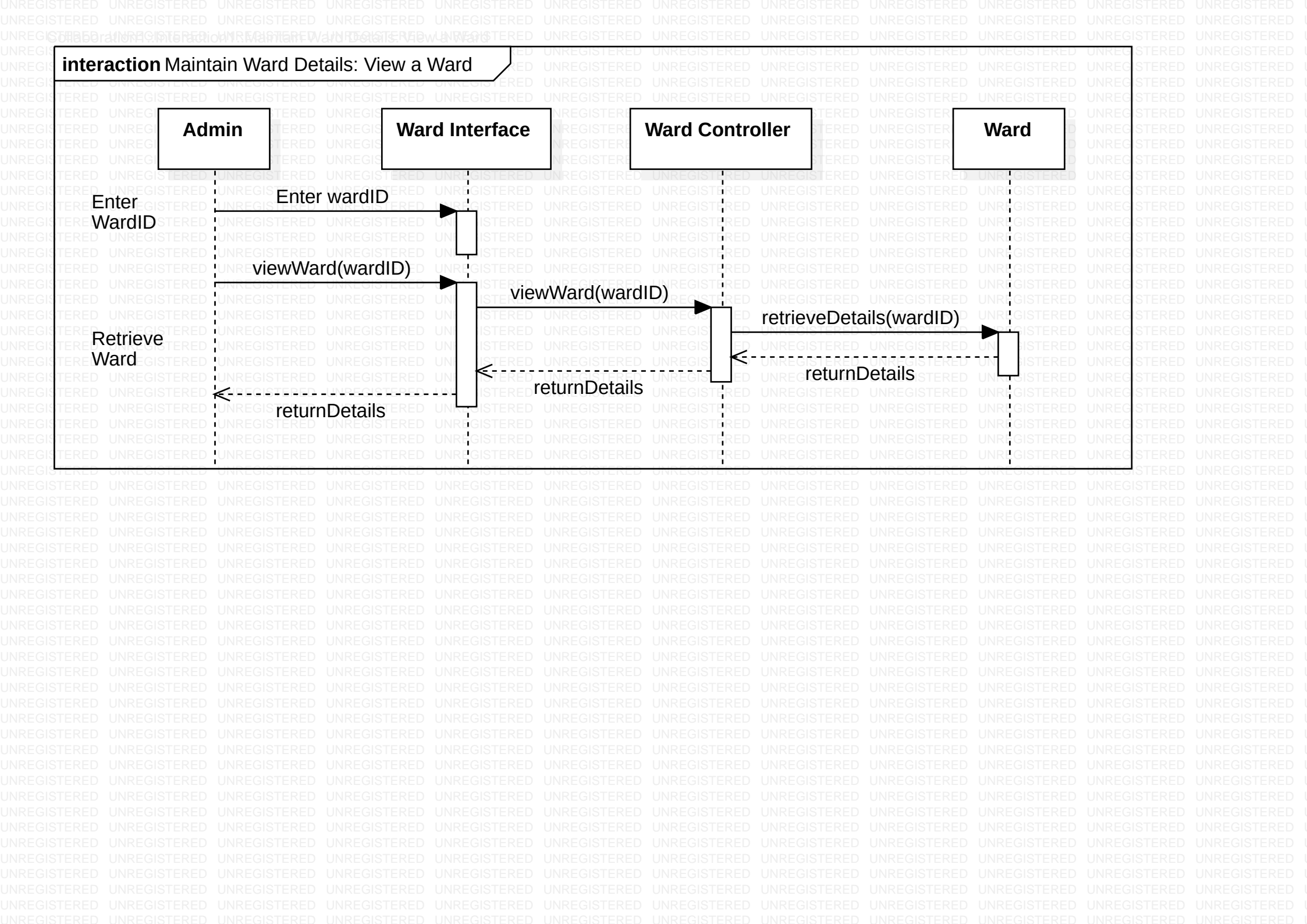
retrieveDetails(wardID)

Retrieve
Ward

returnDetails

returnDetails

returnDetails



interaction Maintain Patient Details: Add a Patient

Admin

Patient Interface

Patient Controller

Patient

Enter
Patient
details

Enter patient details

addDetails

verifyDetails

Add
details

addDetails

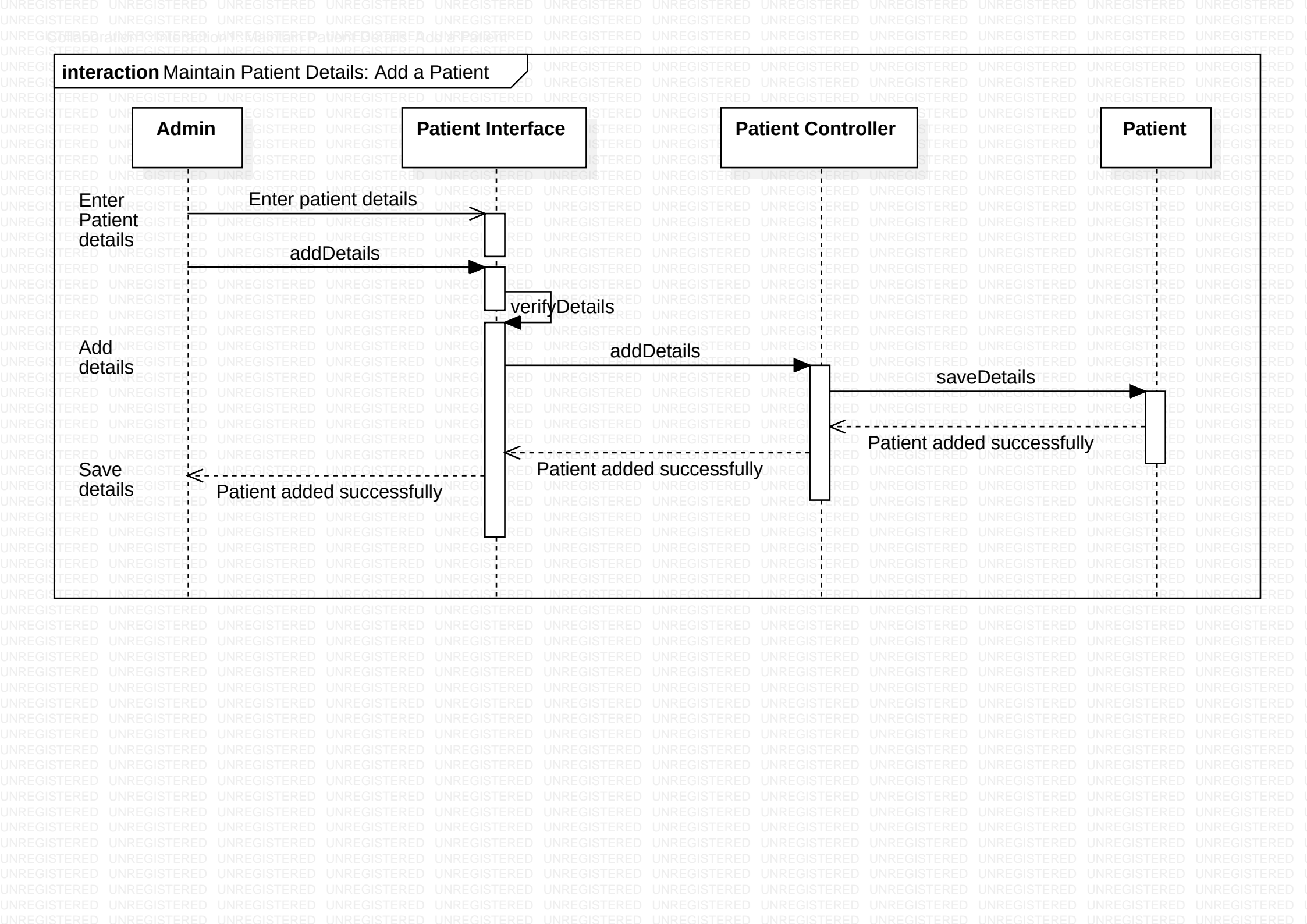
saveDetails

Save
details

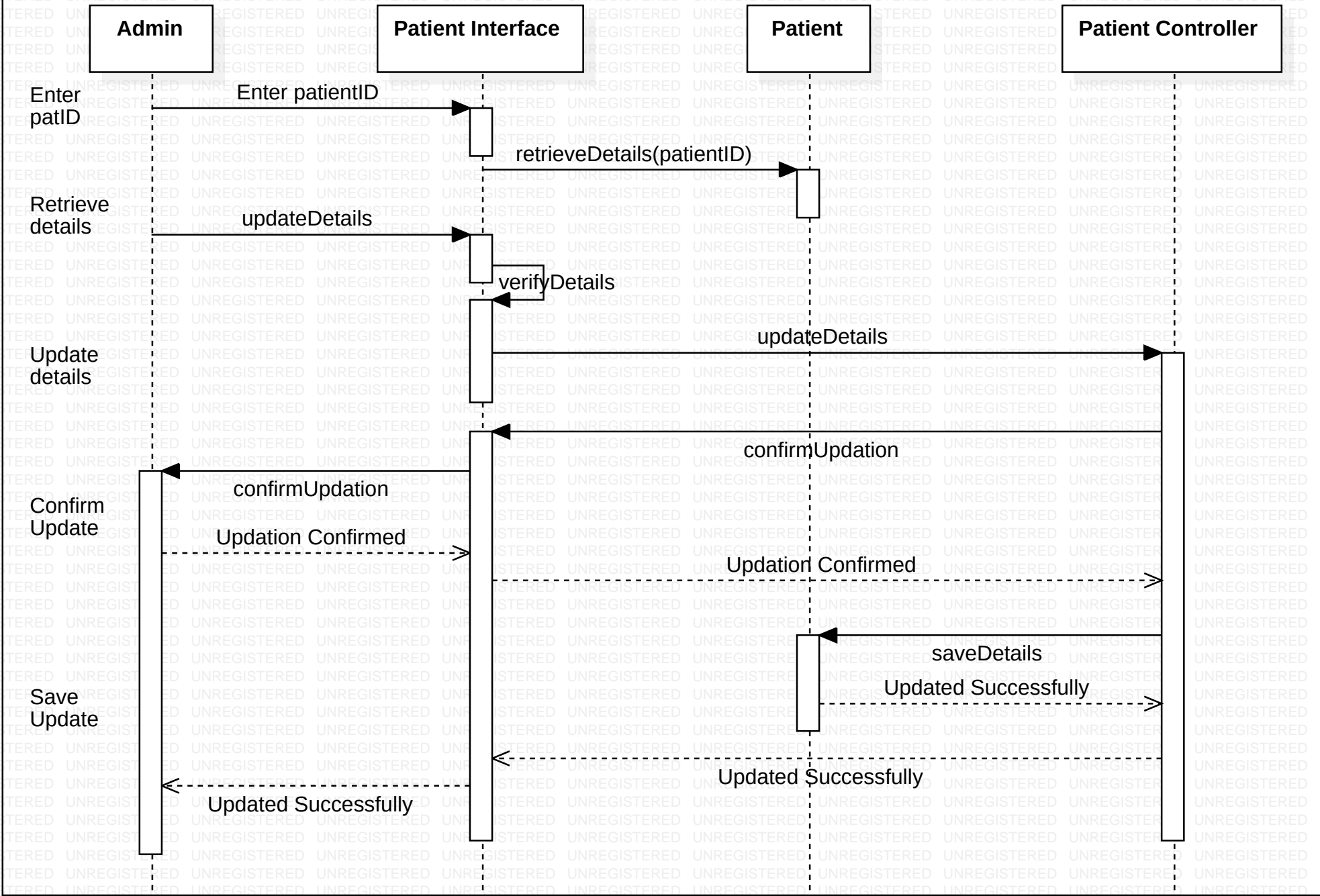
Patient added successfully

Patient added successfully

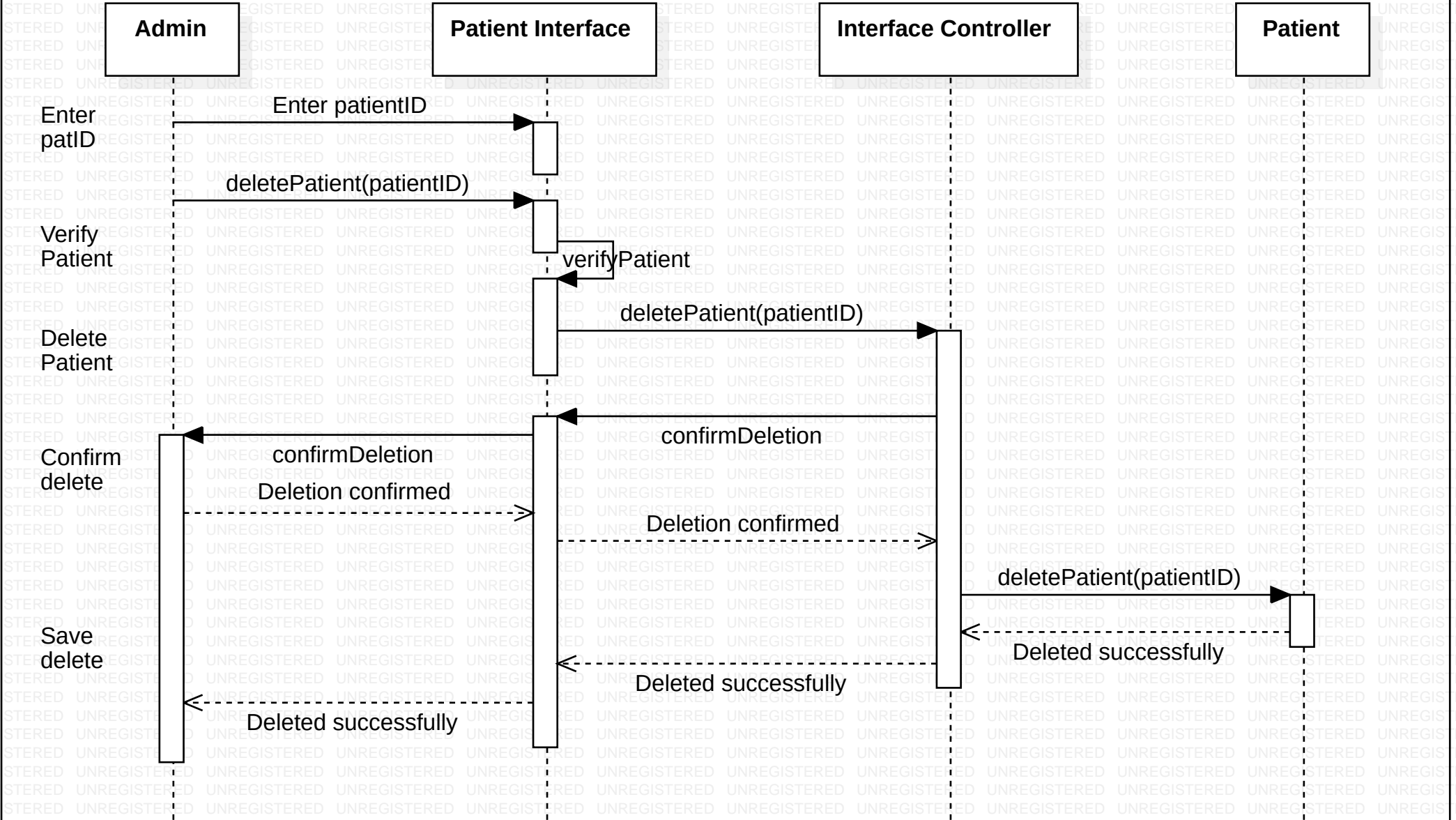
Patient added successfully



interaction Maintain Patient Details: Update a Patient



interaction Maintain Patient Details: Delete a Patient



interaction Maintain Patient Details: View Patient

Admin

Patient Interface

Patient Controller

Patient

Enter
PatID

Enter patientID

viewPatient(patientID)

viewPatient(patientID)

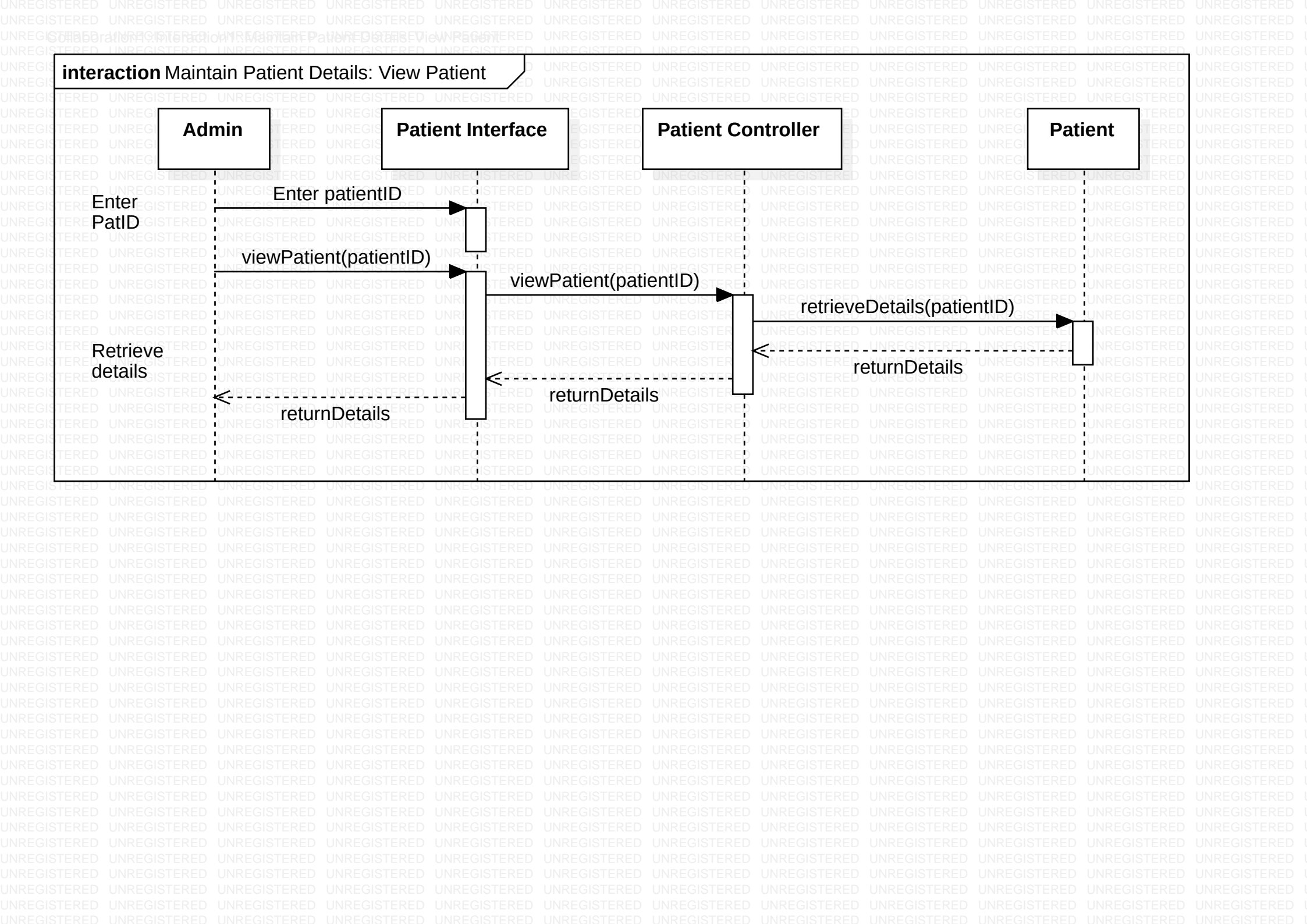
retrieveDetails(patientID)

Retrieve
details

returnDetails

returnDetails

returnDetails



interaction Generate Bill

