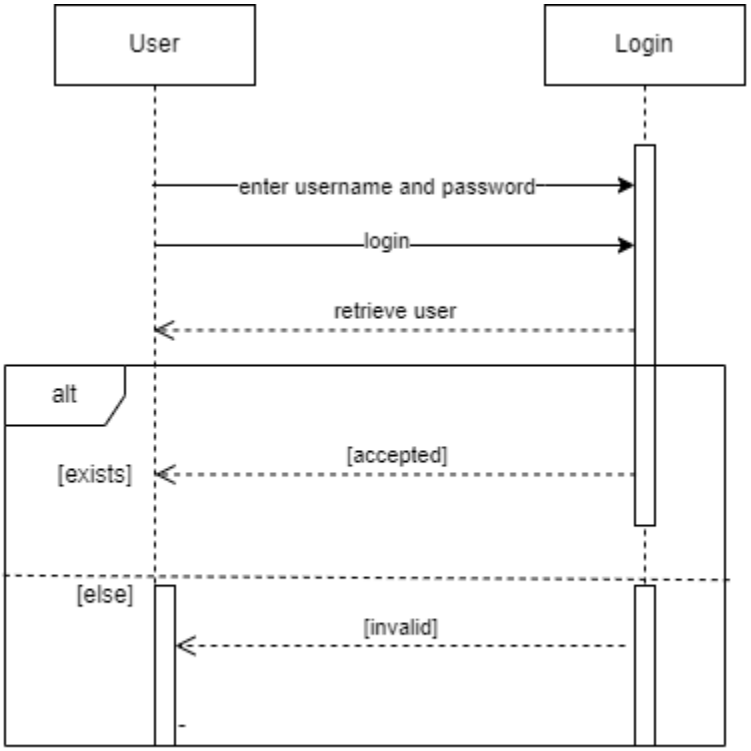
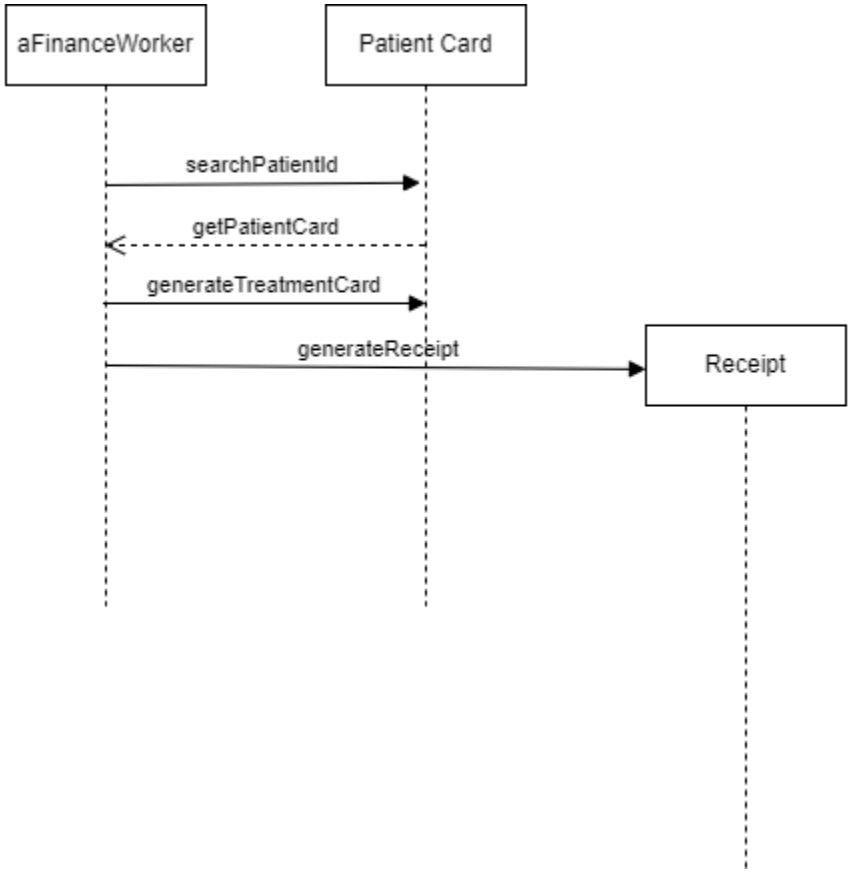
Sequence Diagrams

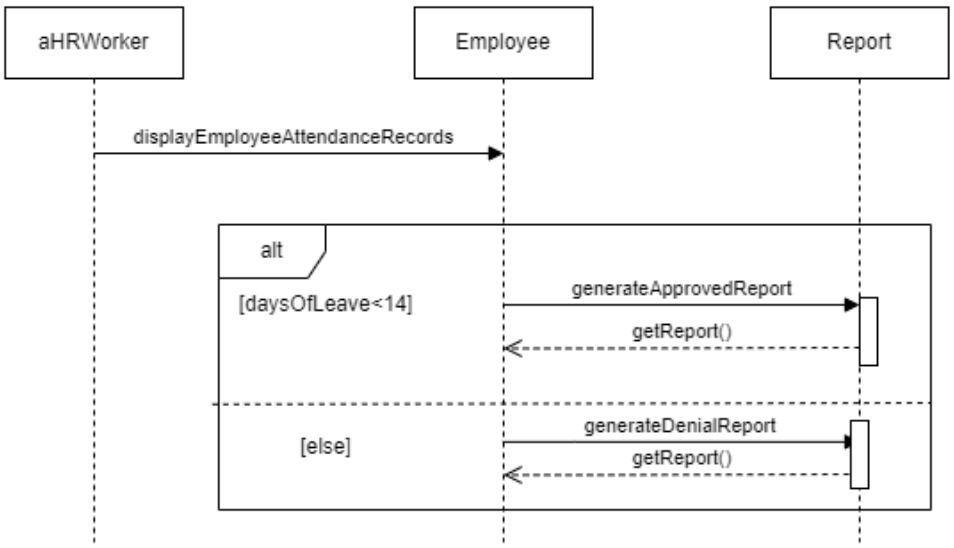
1.Login



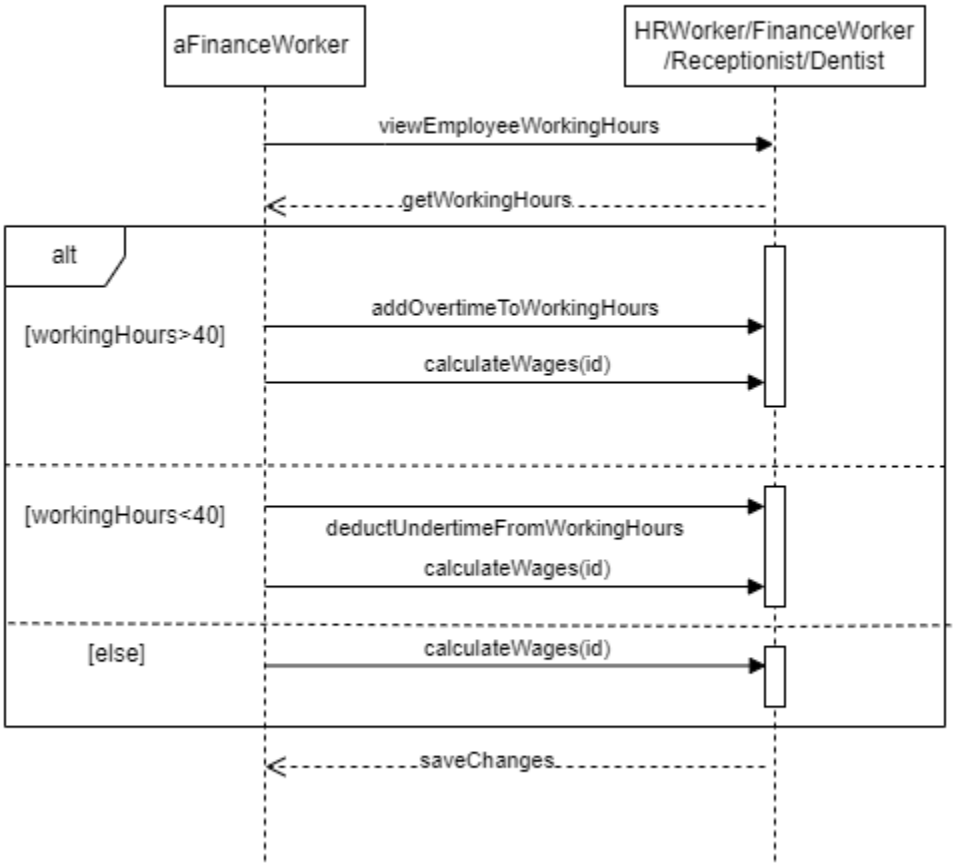
2.Generate Receipt



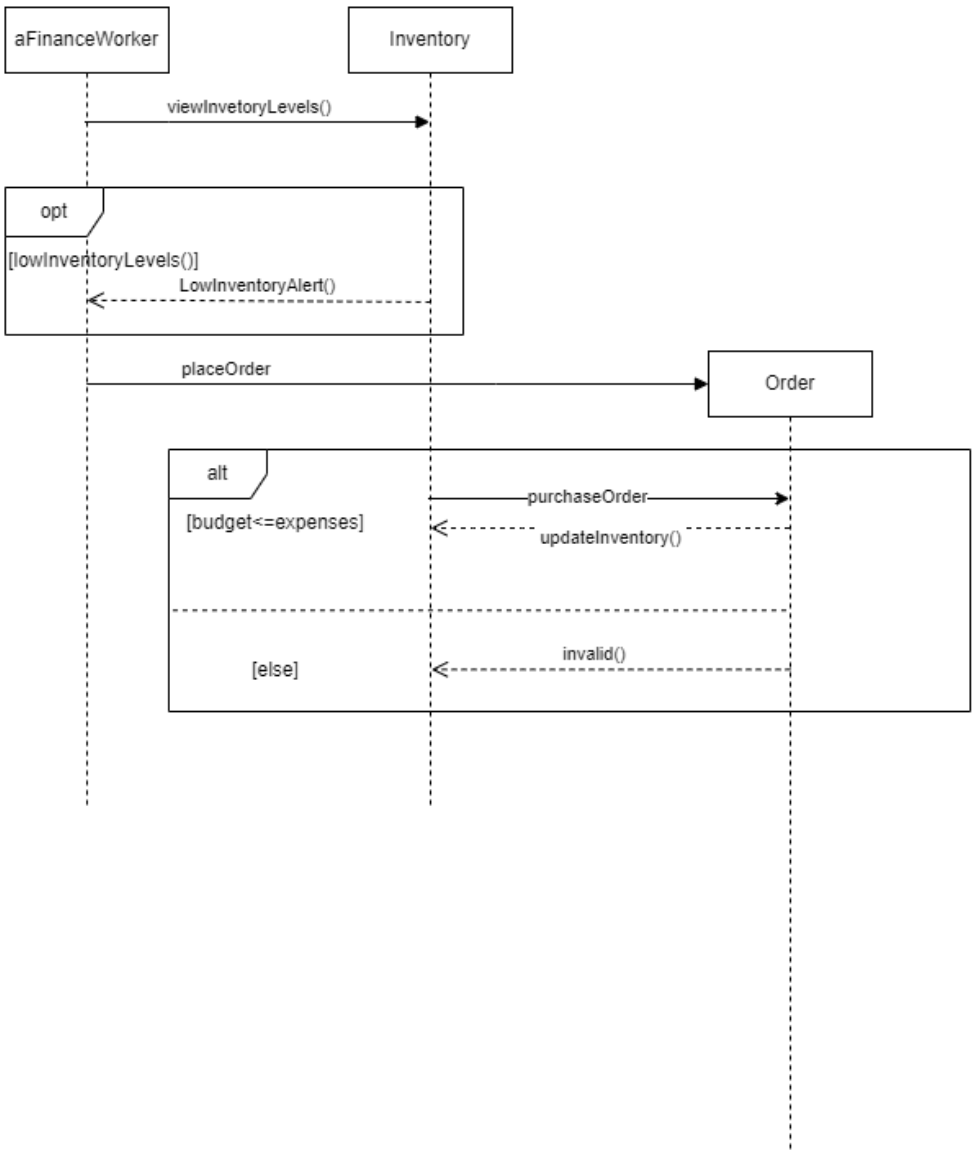
3.Generate Report



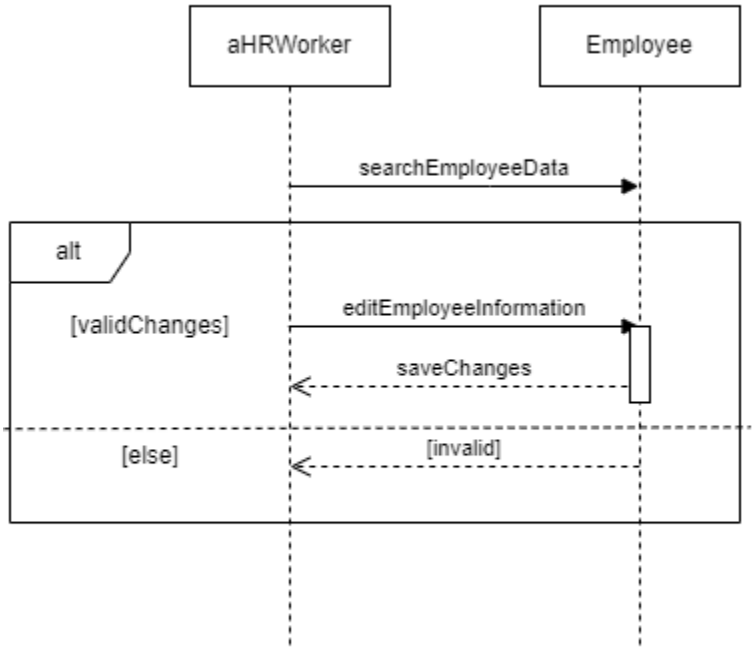
4.Calculate Wages



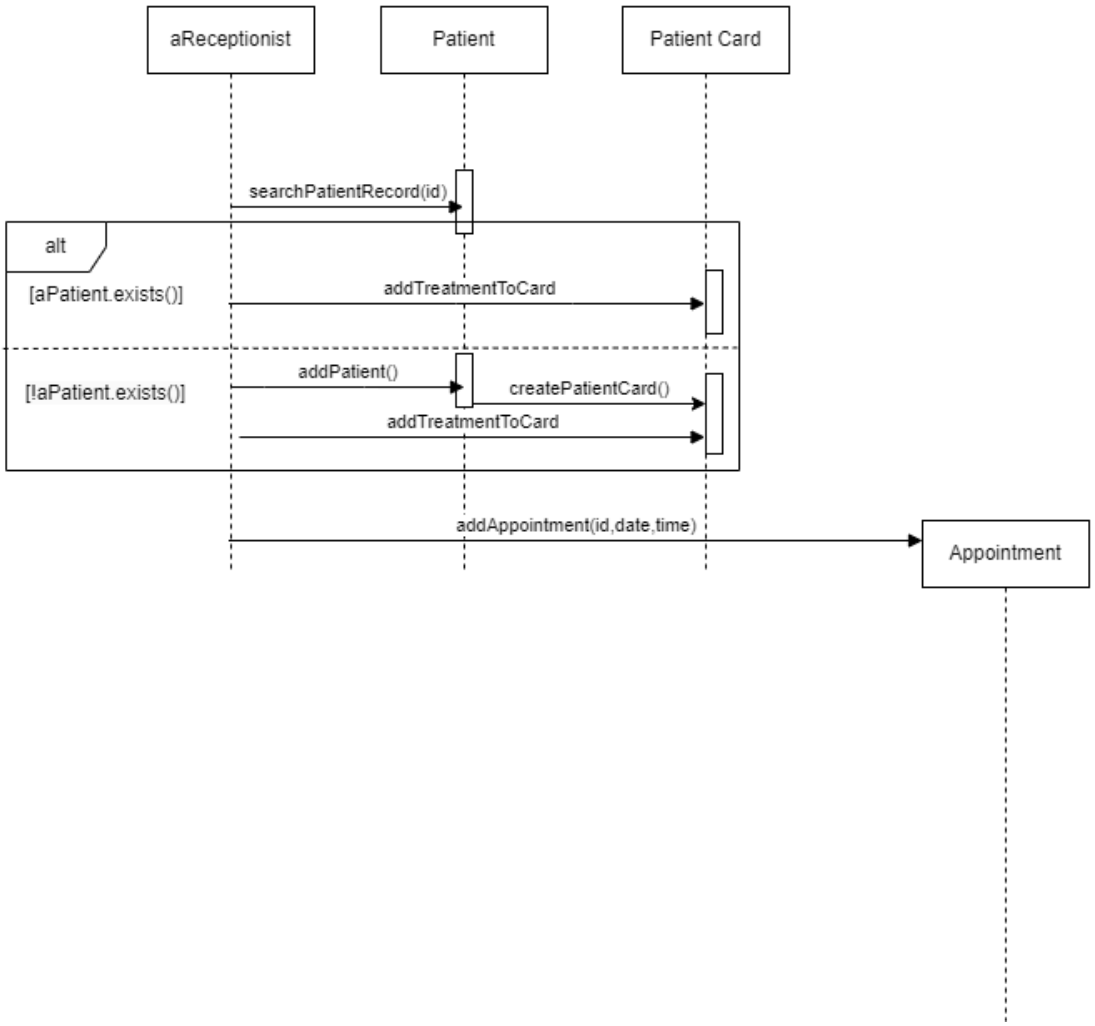
5.Make Order


aFinanceWorker
Inventory
viewInvetoryLevels()
opt
[lowInventoryLevels()]
LowInventoryAlert()
placeOrder
Order
alt
purchaseOrder
[budget<=expenses]
updateInventory()
invalid()
[else]

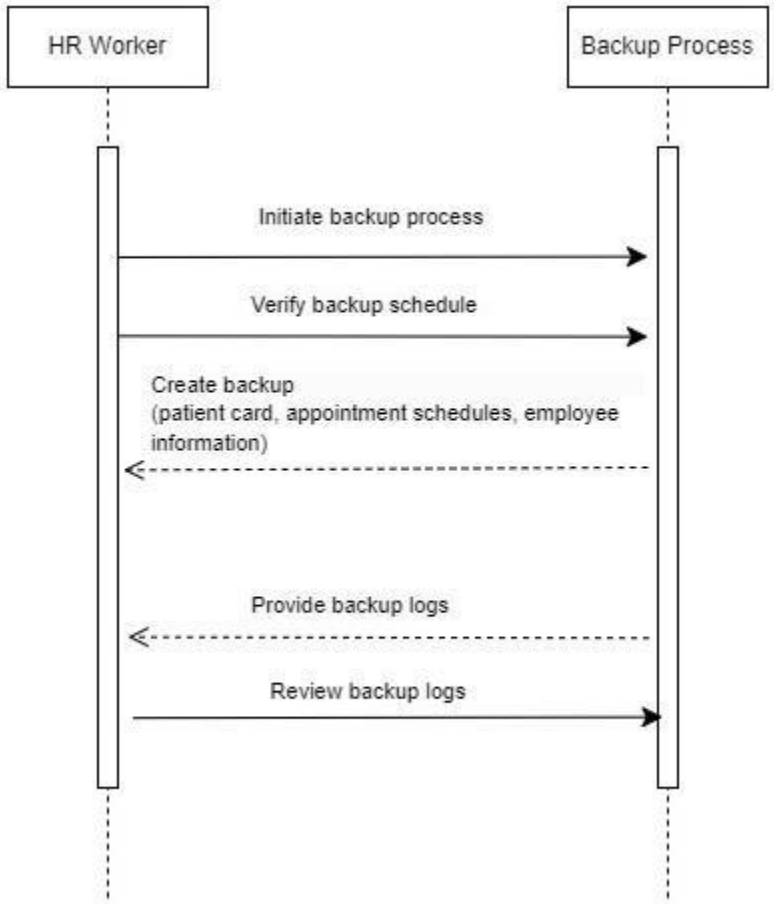
6.Manage Employee Information



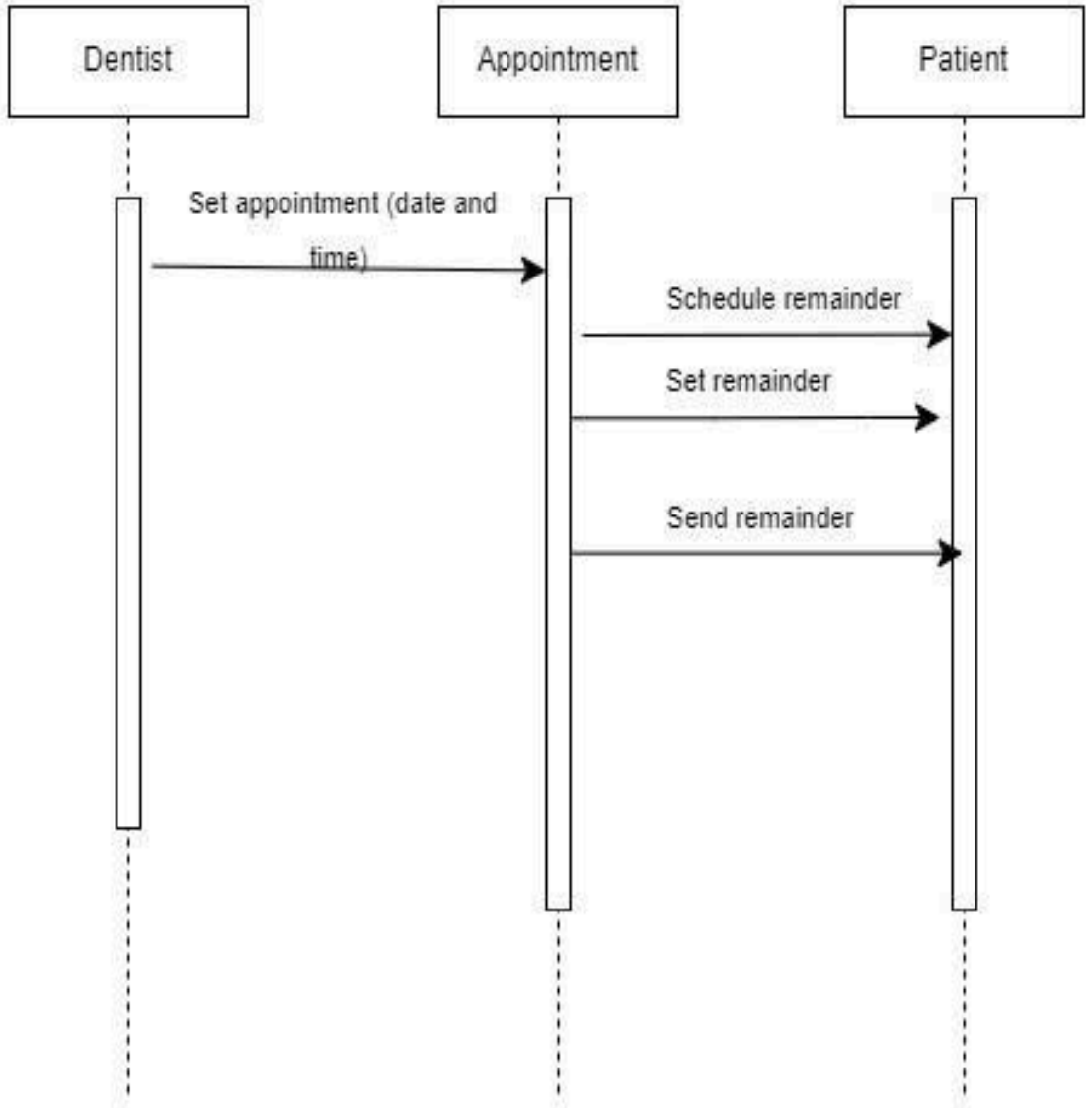
7.Fix Appointment



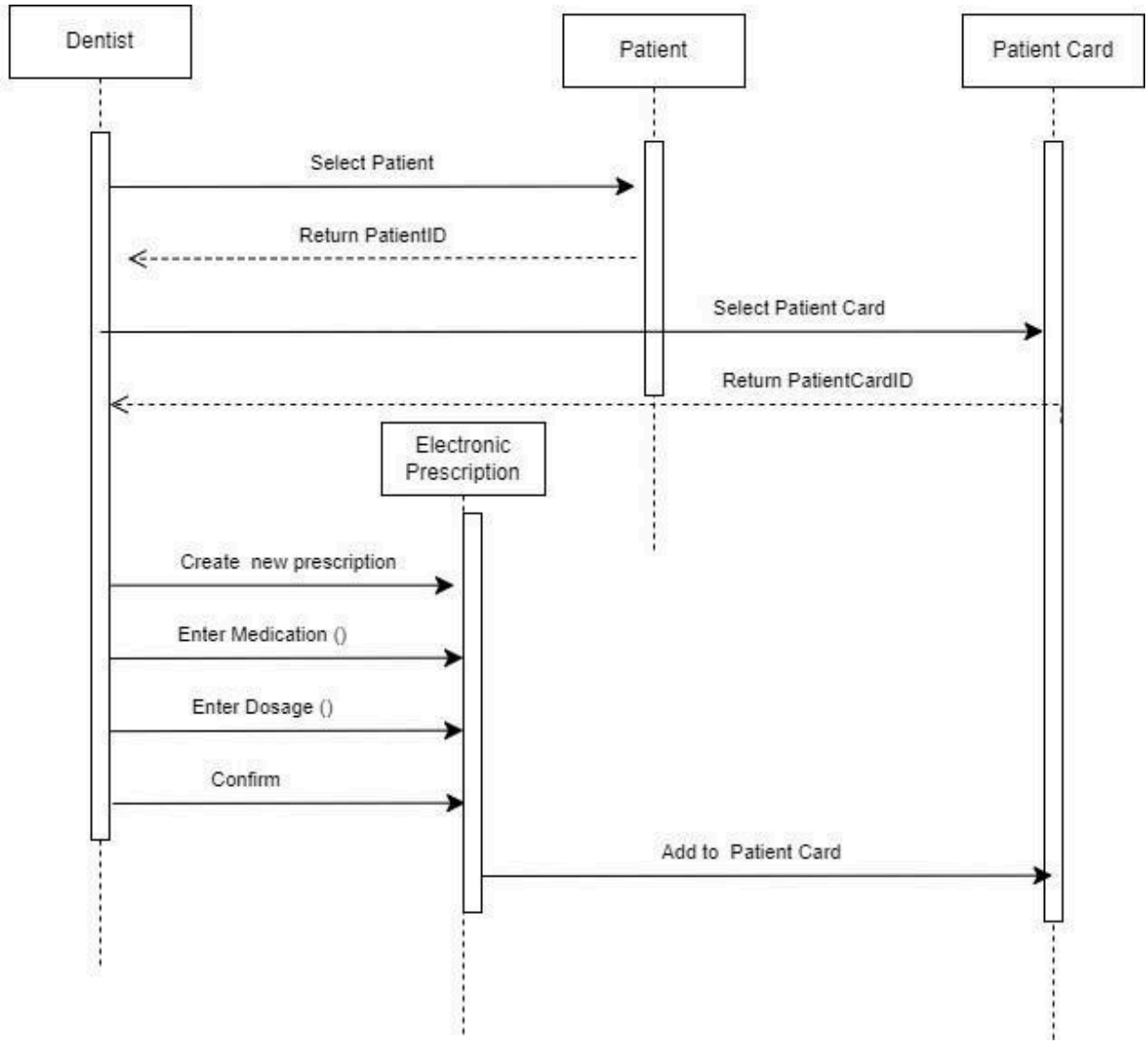
8. Sequence Diagram - Data backup



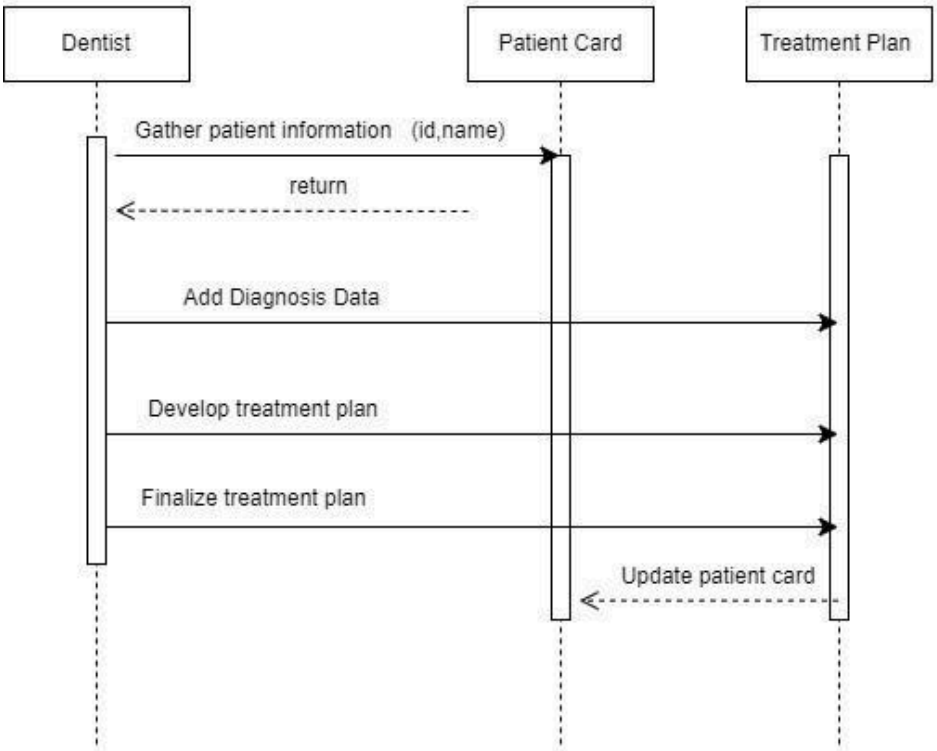
9. Sequence Diagram - Appointment reminder feature



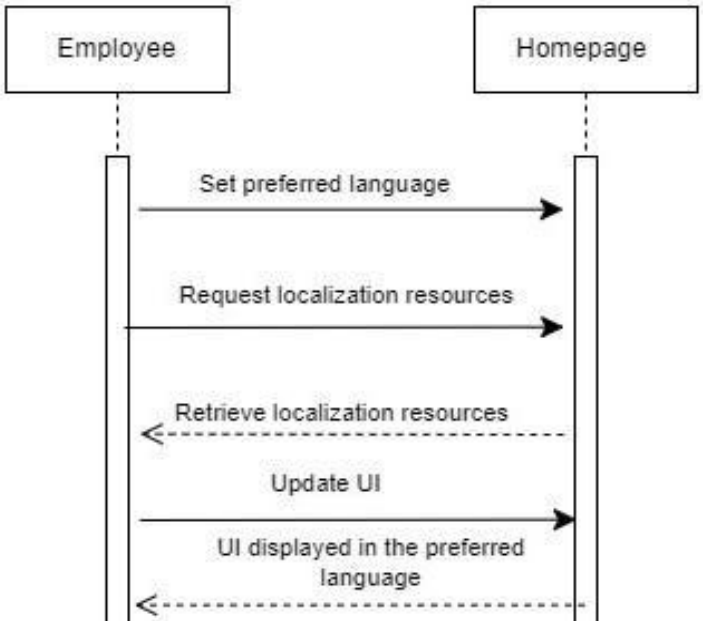
10. Sequence Diagram- Electronic Prescribing



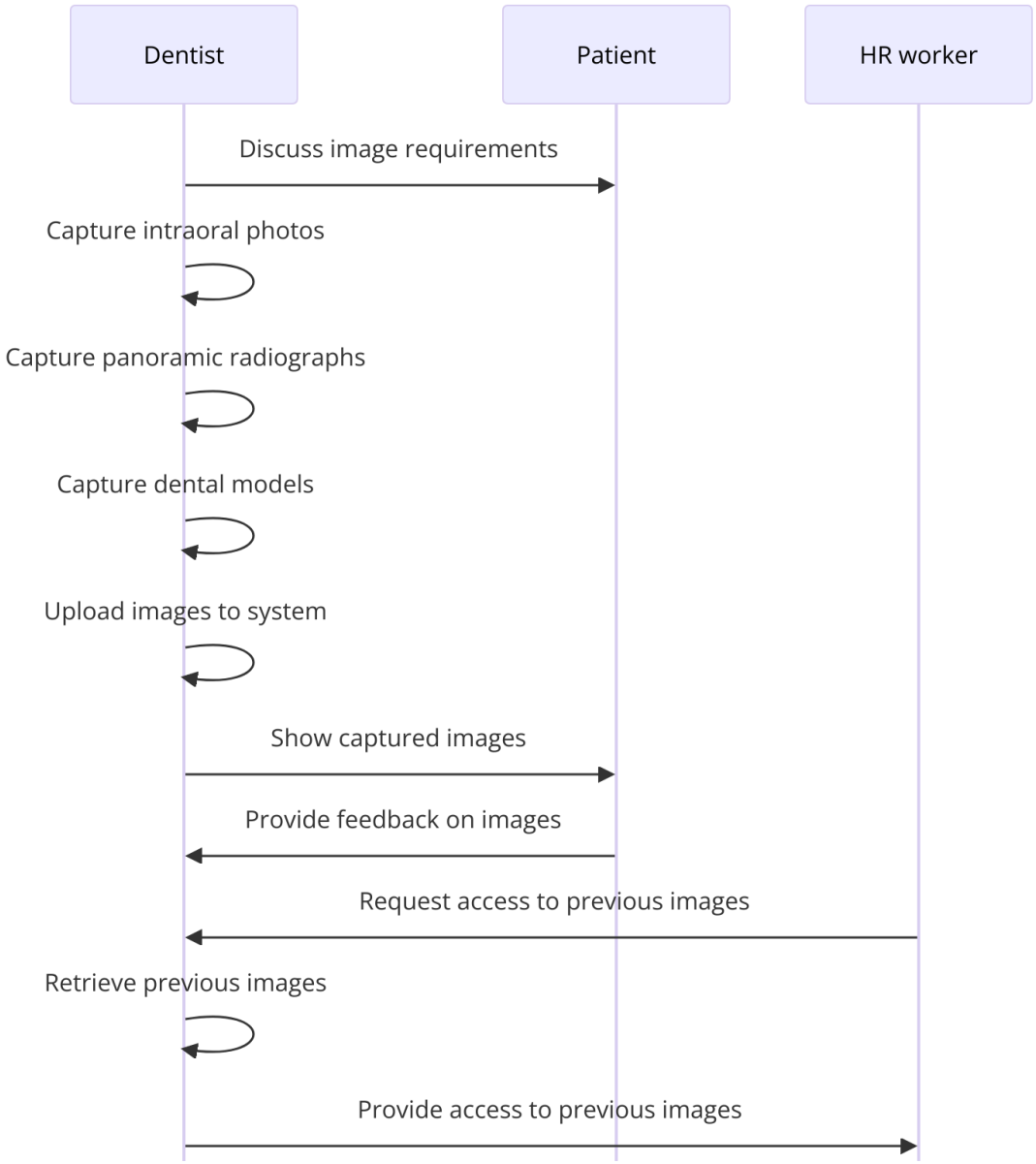
11.Sequence Diagram- Treatment Plan



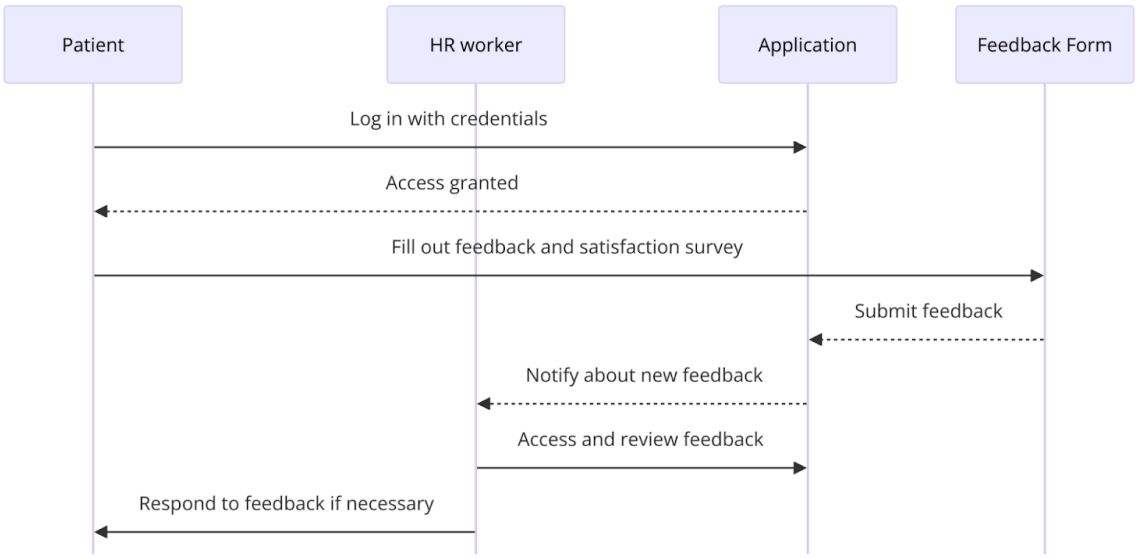
12. Sequence Diagram- Language Localization



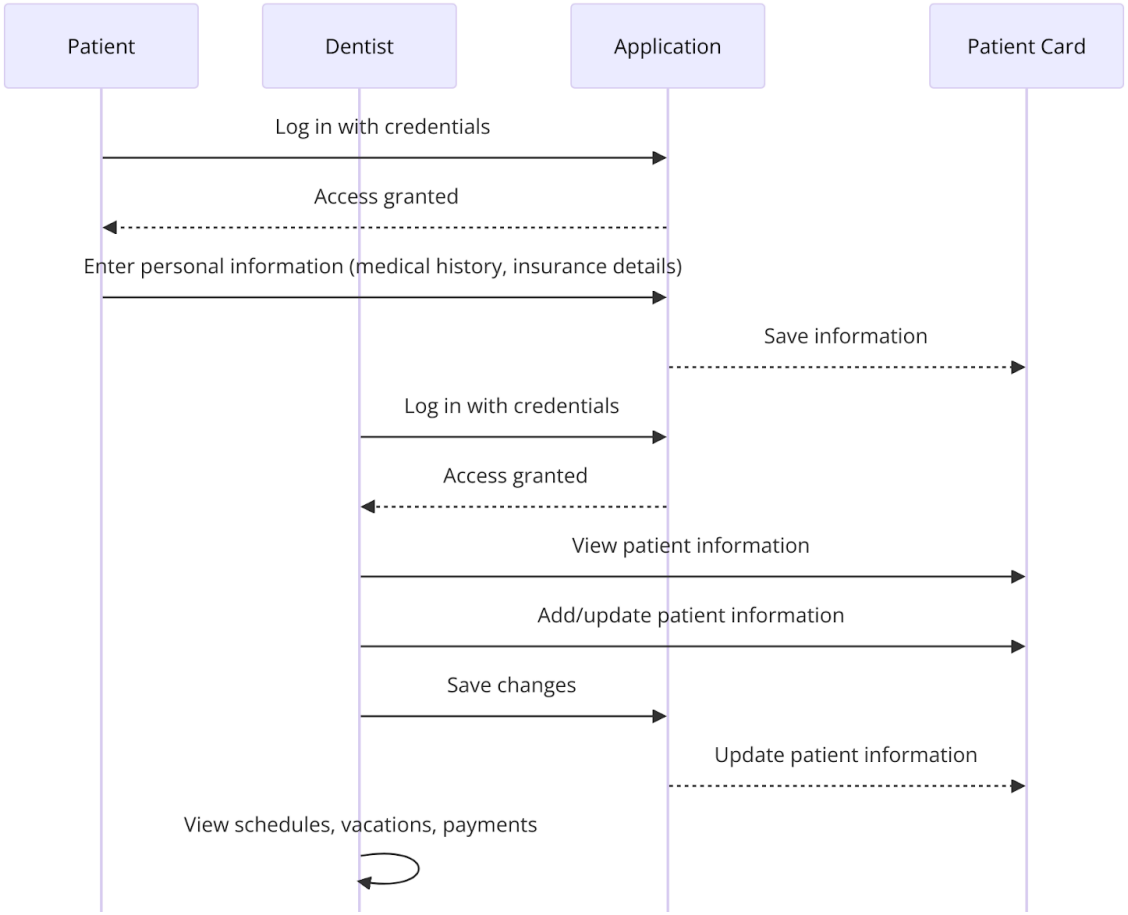
Sequence Diagram - *Image management*



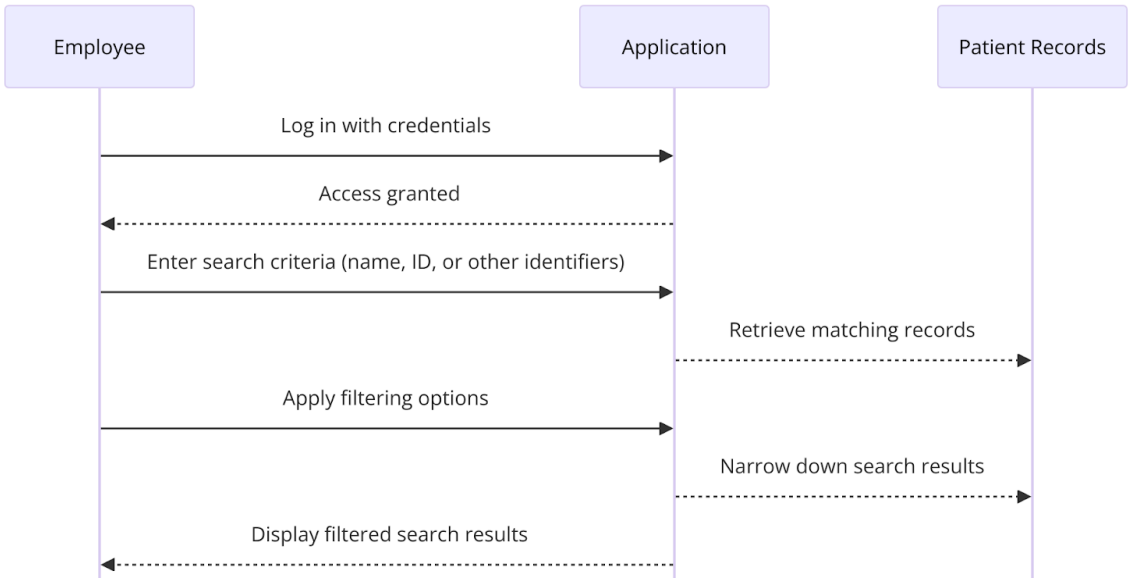
Sequence Diagram - *Patient feedback and surveys*



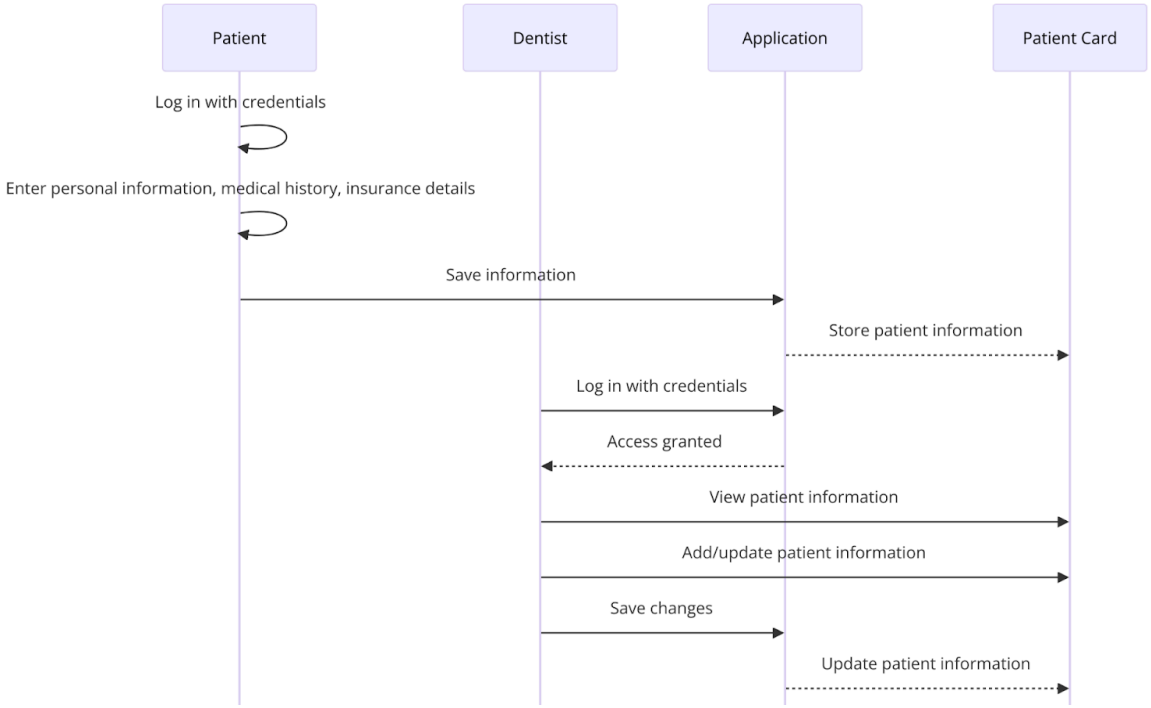
Sequence Diagram - *Dentist management*



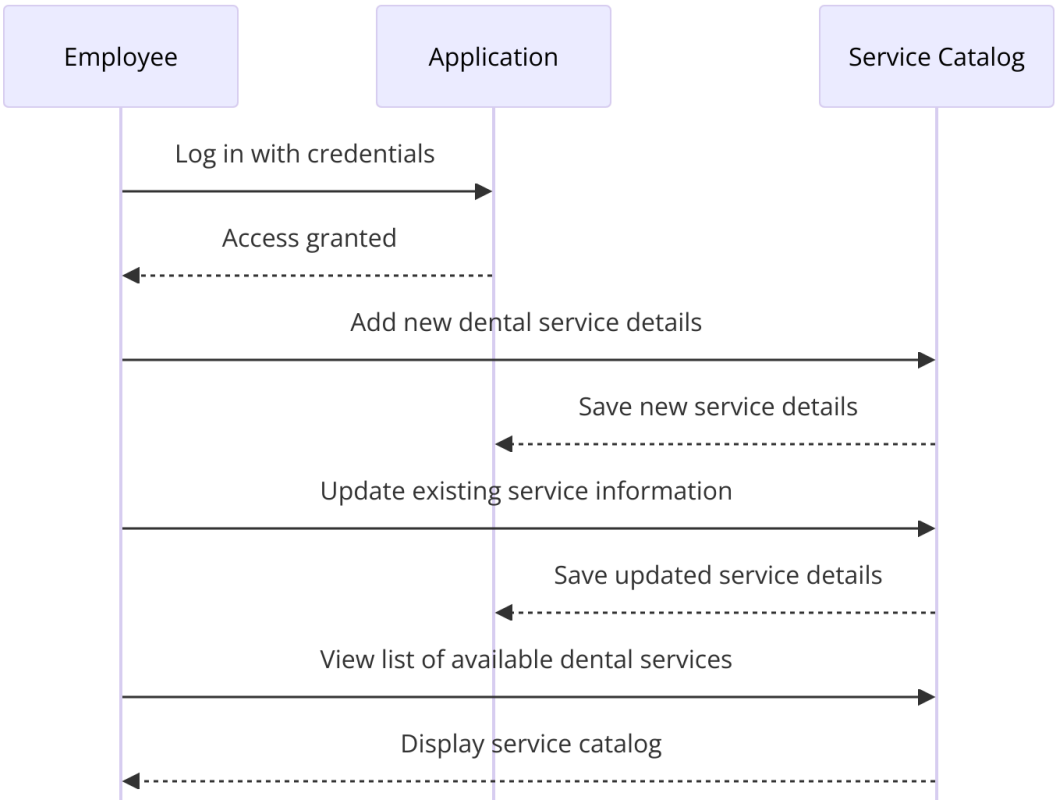
Sequence Diagram - *Patient Search and Filtering*



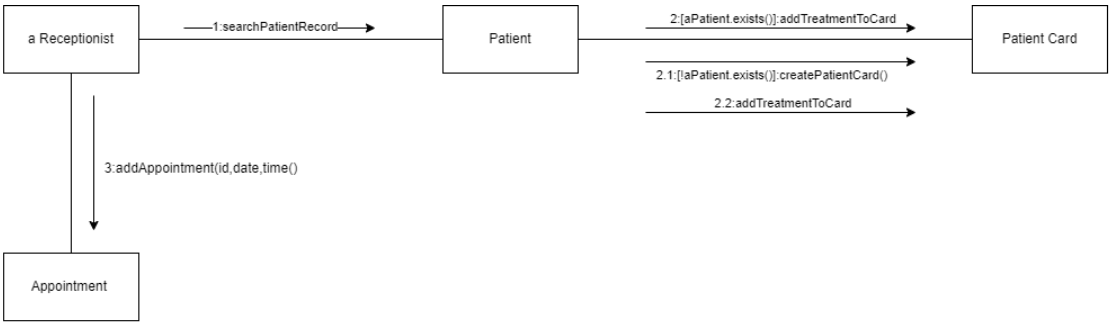
Sequence Diagram - *Patient Management*

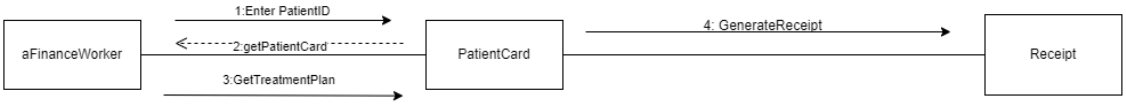


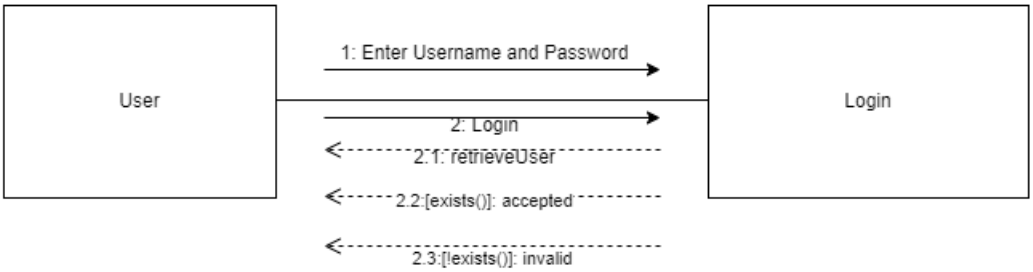
Sequence Diagram - Service Catalog Management

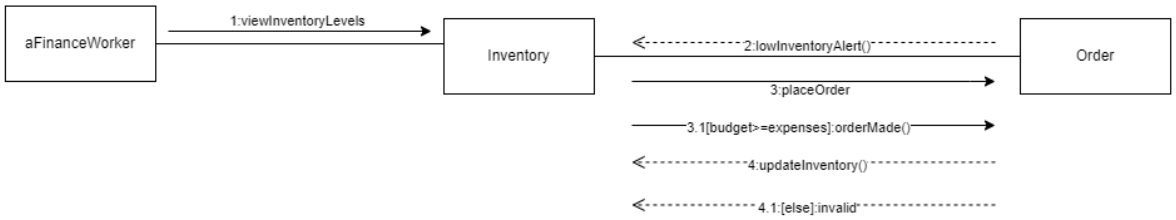


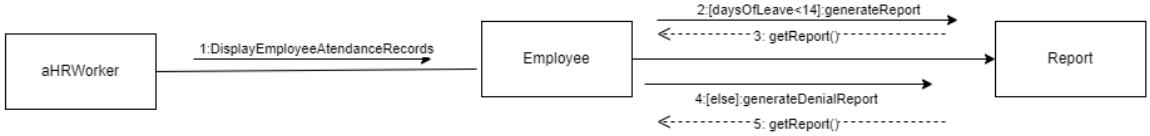
Collaboration diagram

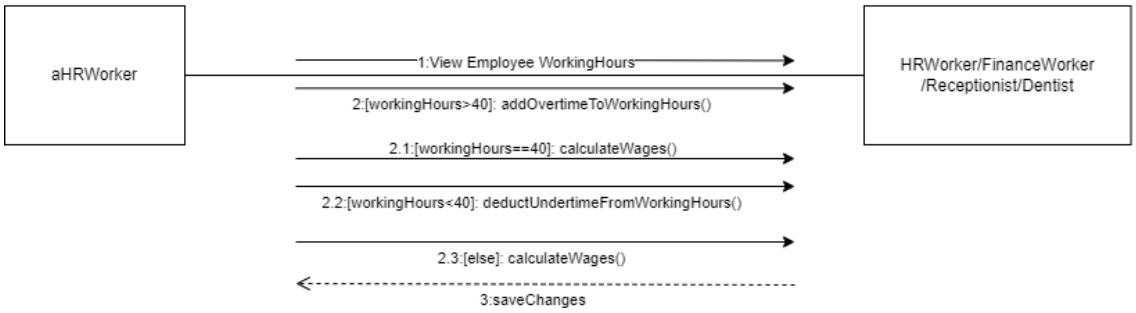


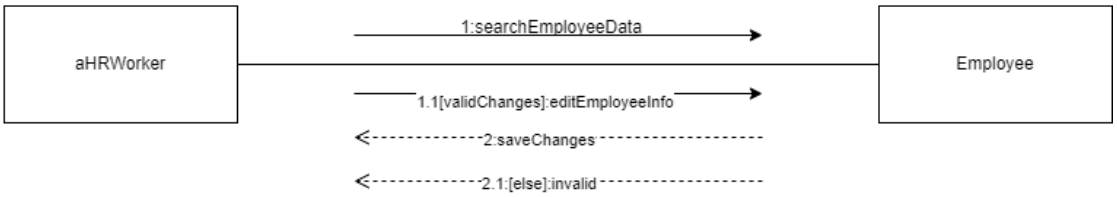

aFinanceWorker
1:Enter PatientID
2:getPatientCard
3:GetTreatmentPlan
PatientCard
4: GenerateReceipt
Receipt


User
1: Enter Username and Password
2: Login
2.1: retrieveUser
2.2:[exists()]: accepted
2.3:[!exists()]: invalid
Login

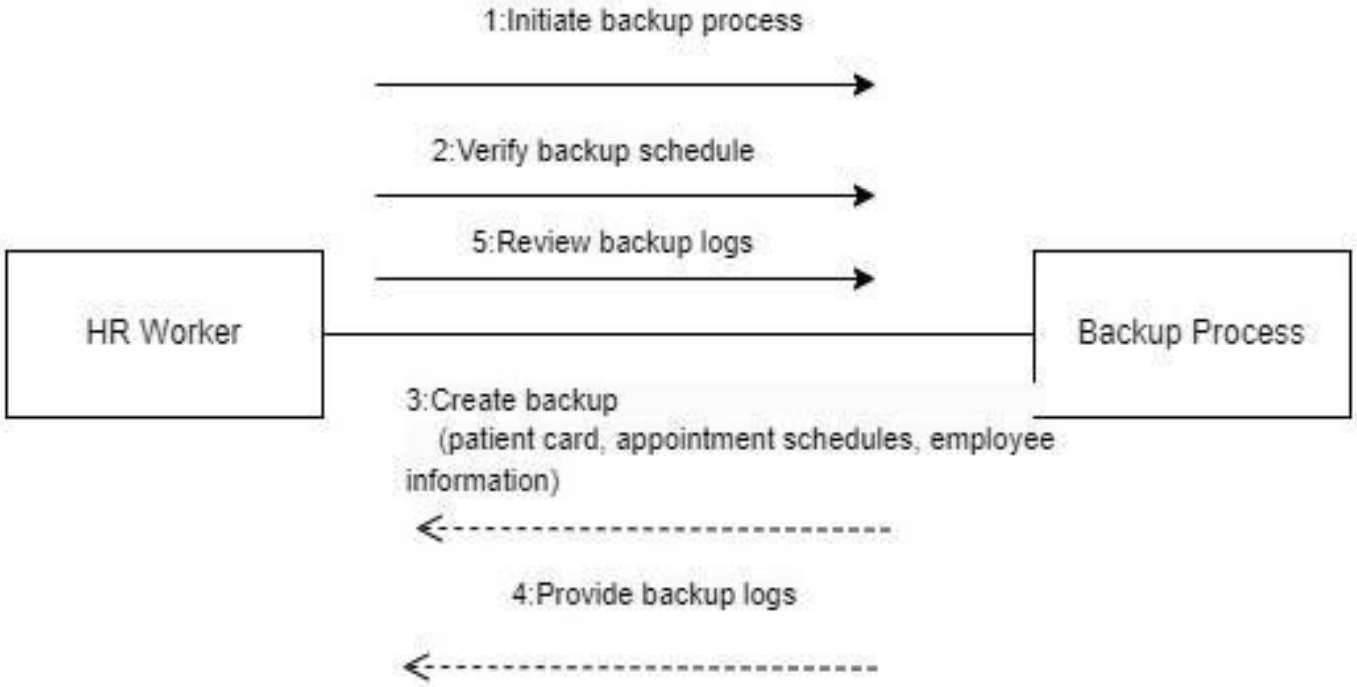

aFinanceWorker
1:viewInventoryLevels
Inventory
2:lowInventoryAlert()
3:placeOrder
3.1[budget>=expenses]:orderMade()
4:updateInventory()
4.1:[else]:invalid
Order


aHRWorker
1:DisplayEmployeeAtendanceRecords
Employee
2:[daysOfLeave<14]:generateReport
3: getReport()
4:[else]:generateDenialReport
5: getReport()
Report


aHRWorker
1:View Employee WorkingHours
2:[workingHours>40]: addOvertimeToWorkingHours()
2.1:[workingHours==40]: calculateWages()
2.2:[workingHours<40]: deductUndertimeFromWorkingHours()
2.3:[else]: calculateWages()
3:saveChanges
HRWorker/FinanceWorker
/Receptionist/Dentist

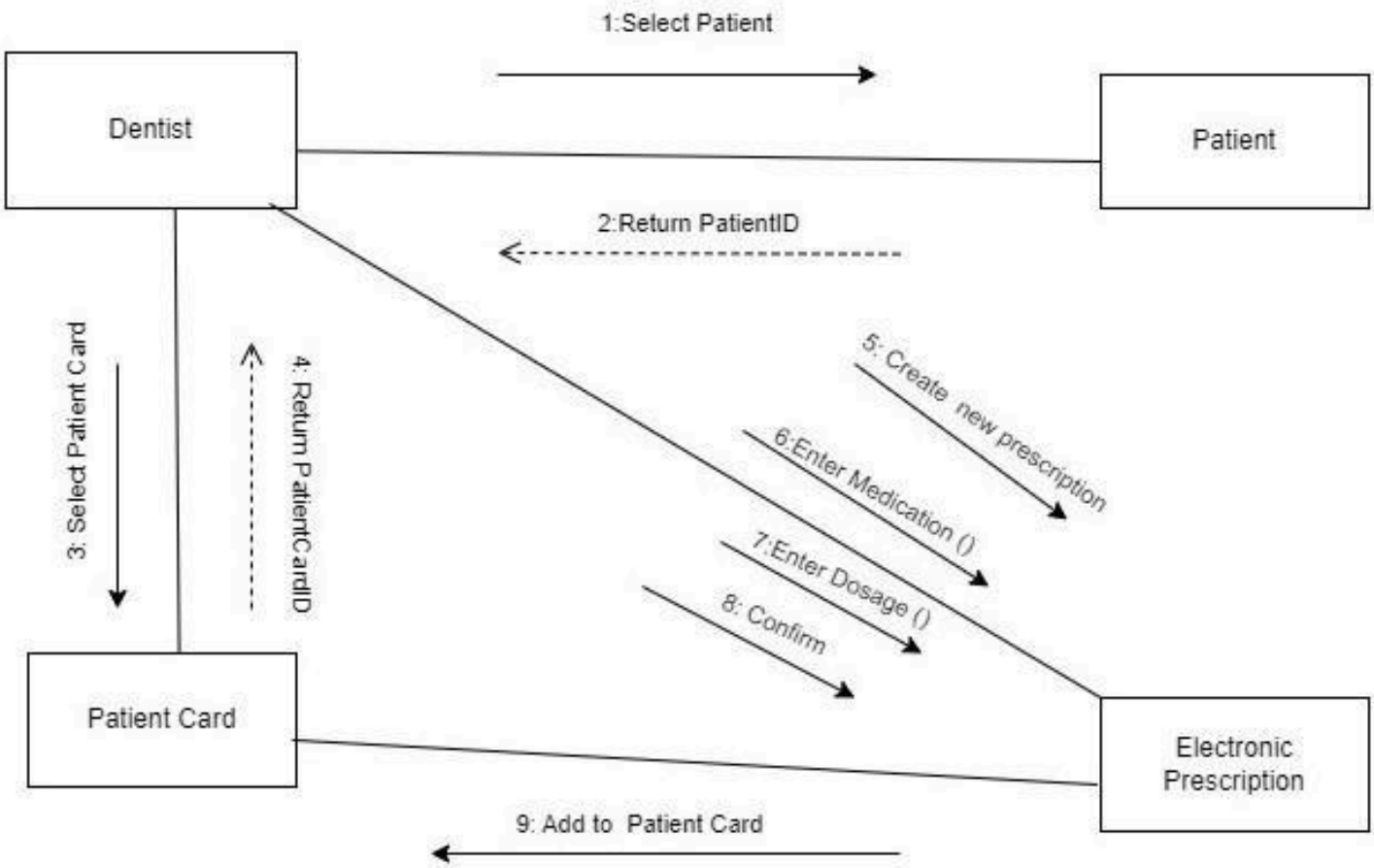

aHRWorker
1:searchEmployeeData
1.1[validChanges]:editEmployeeInfo
2:saveChanges
2.1:[else]:invalid
Employee

8. Collaboration Diagram- Data backup

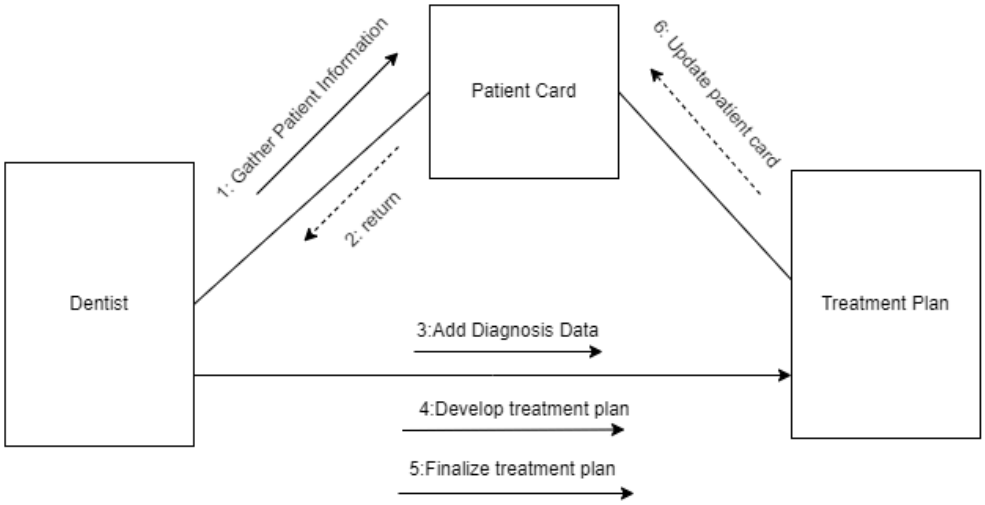


9. Collaboration diagram- Appointment Reminder Feature

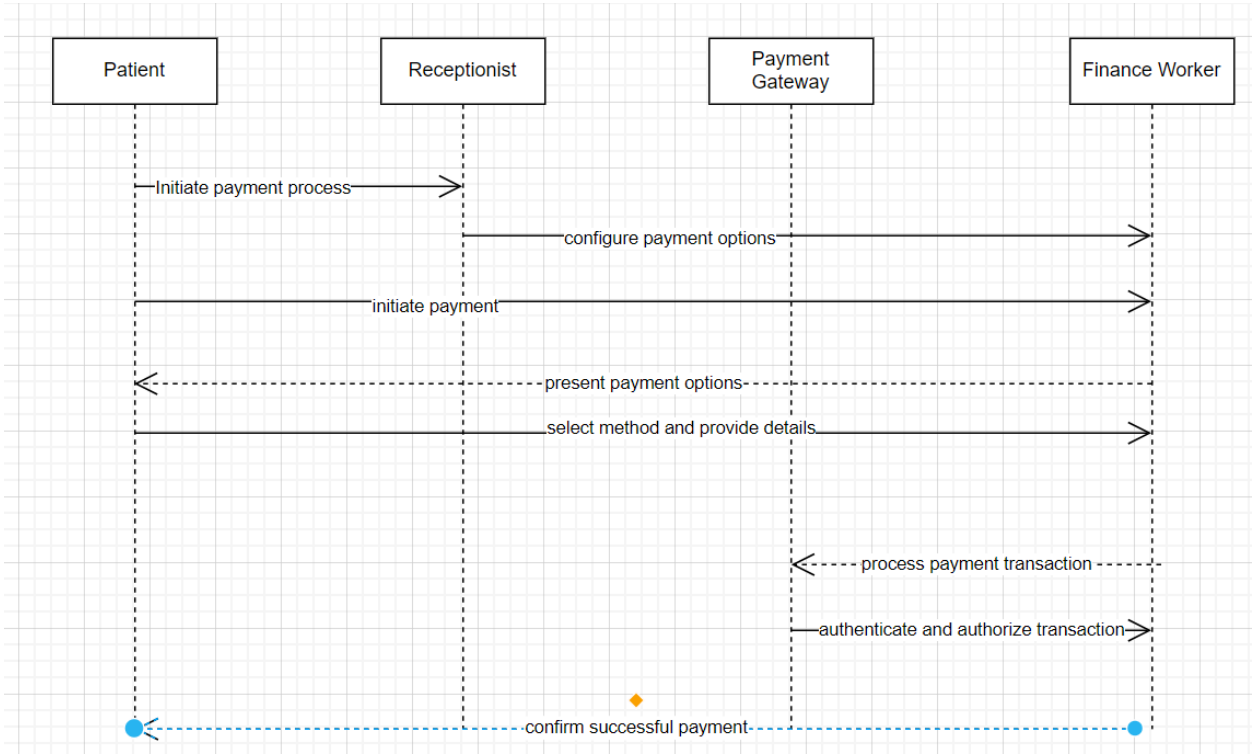
10. Collaboration diagram– Electronic Prescribing



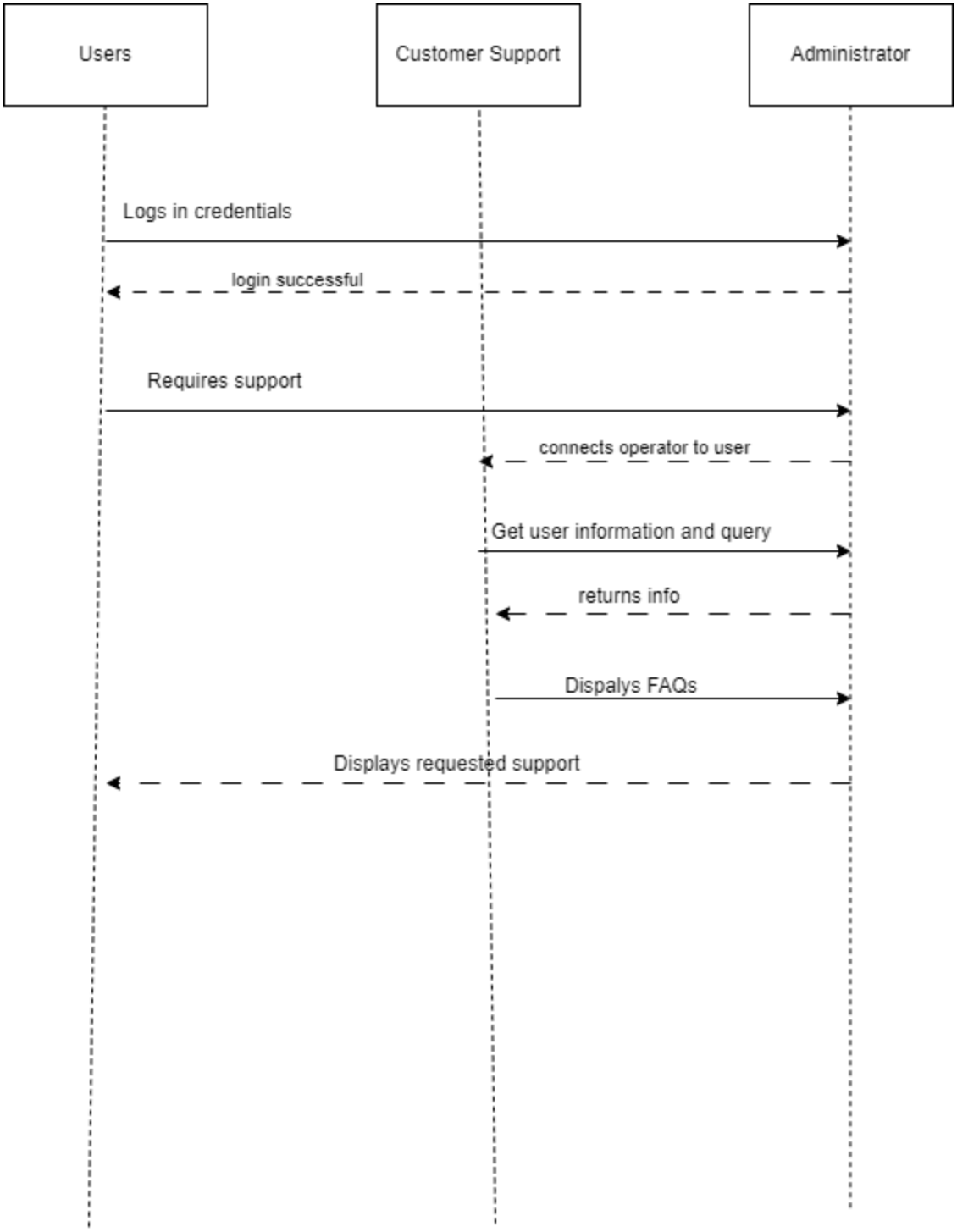
11. Collaboration diagram- Treatment plan



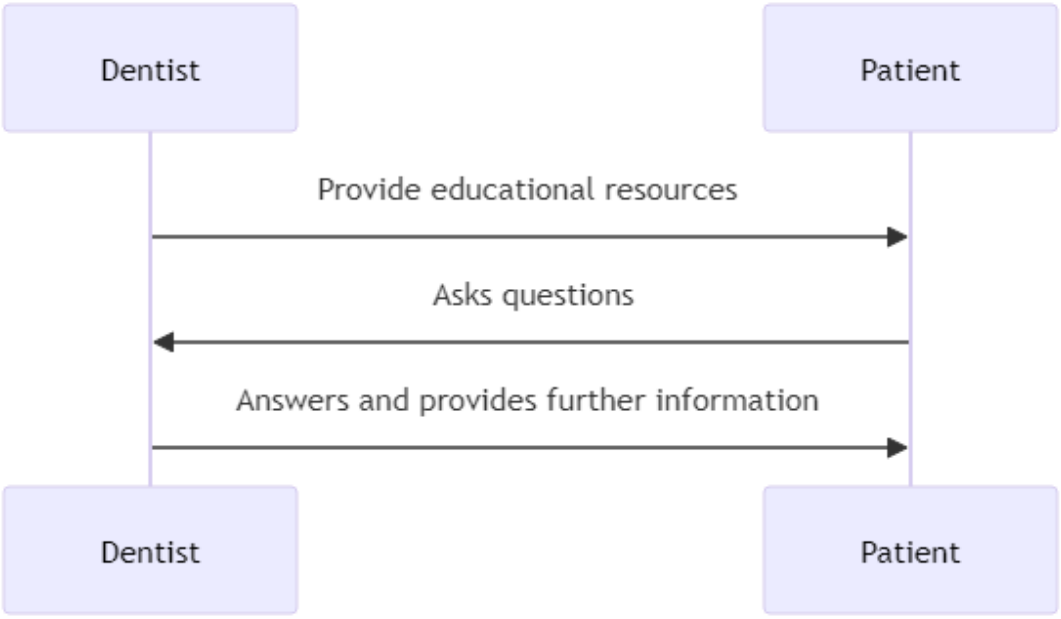
Sequence Diagram - Flexible Payment Option



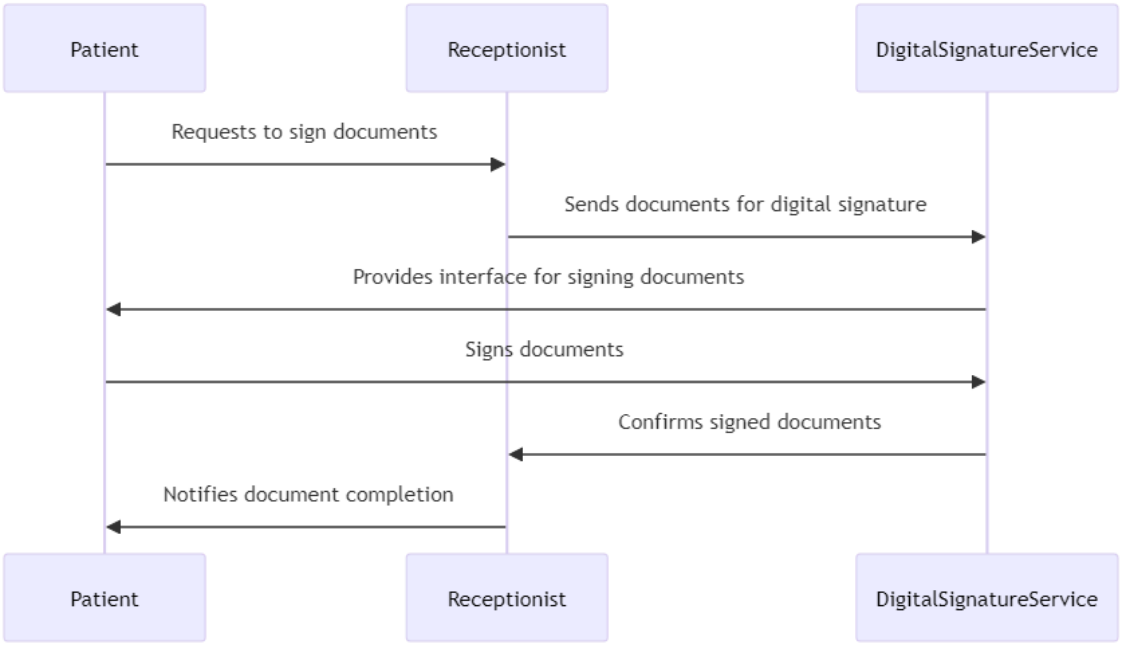
Sequence Diagram - Customer Support and FAQs



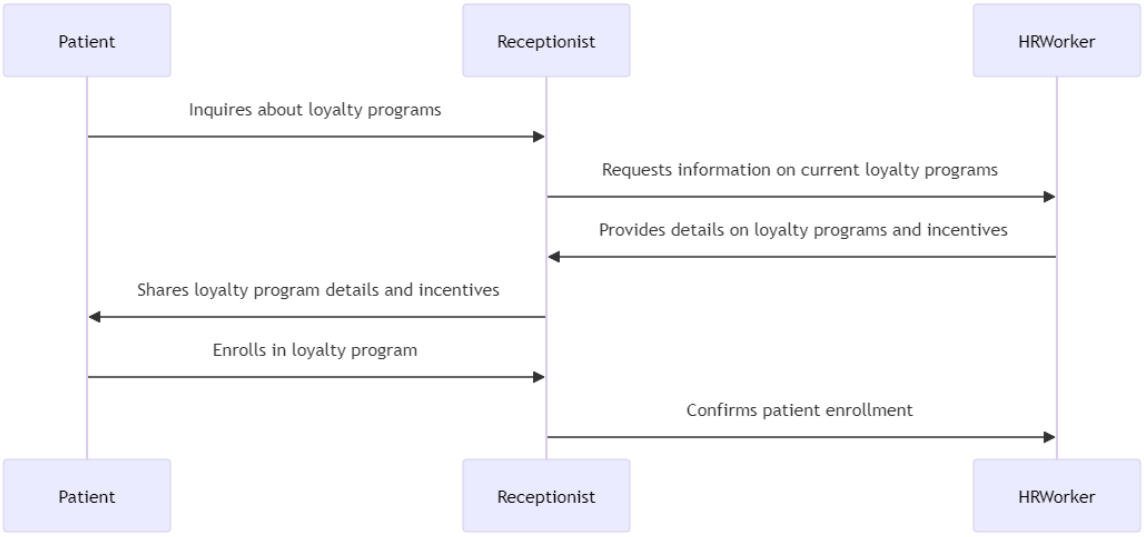
Patient Education Resources



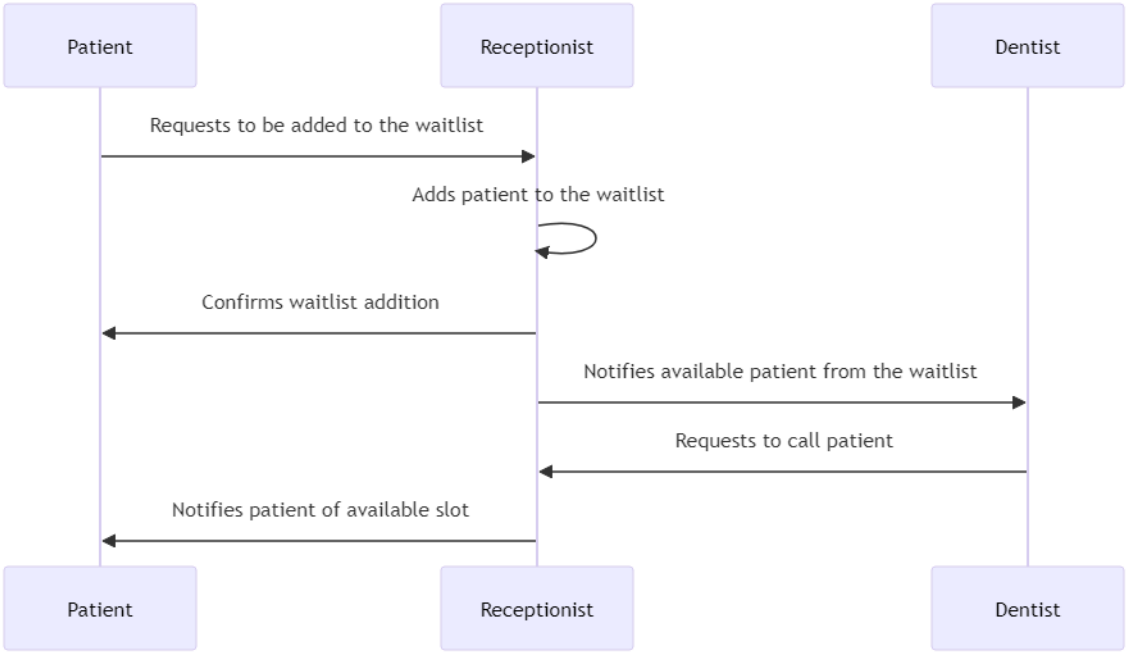
Integration with Digital Signature Solutions



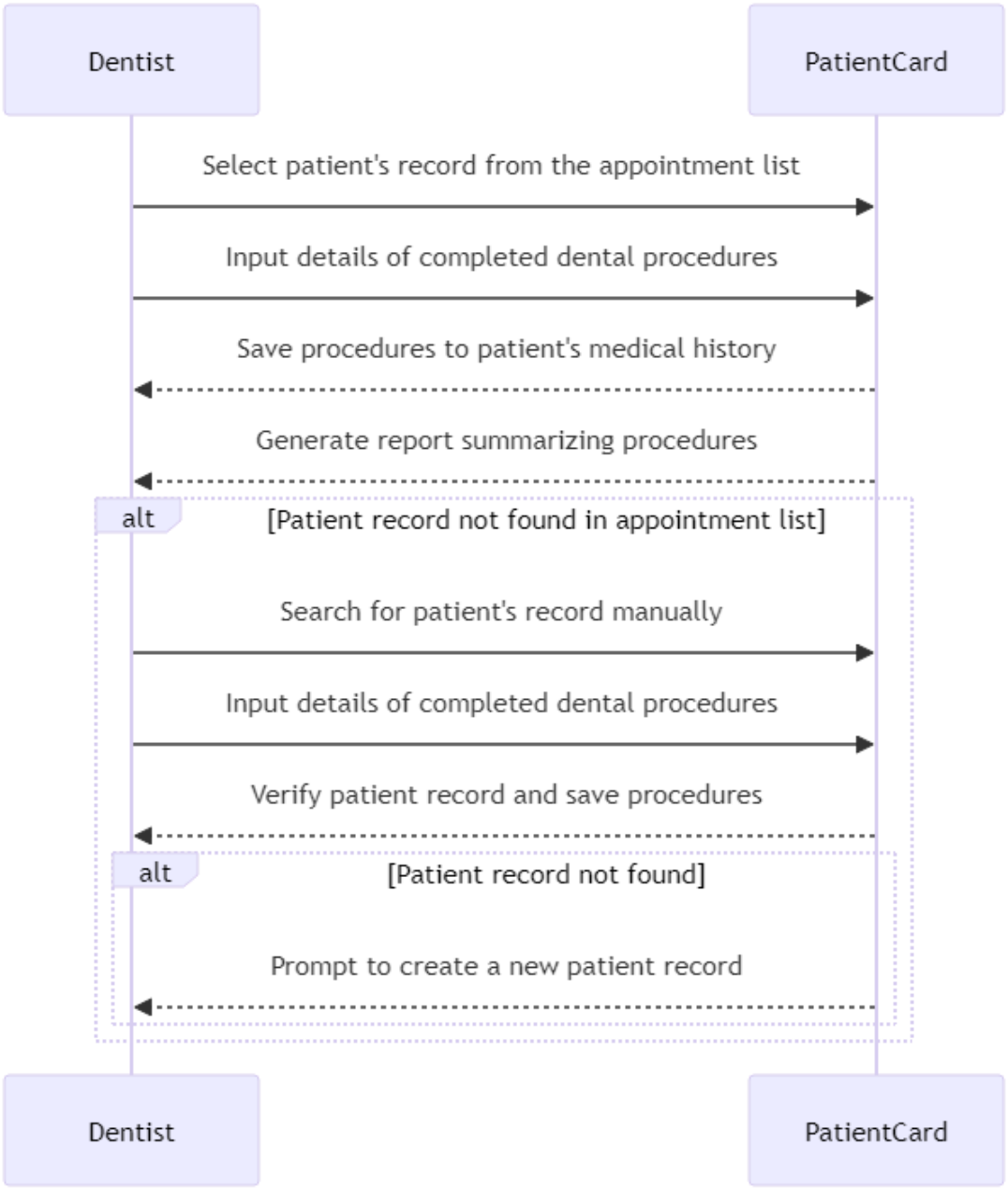
Patient Loyalty Programs and Incentives



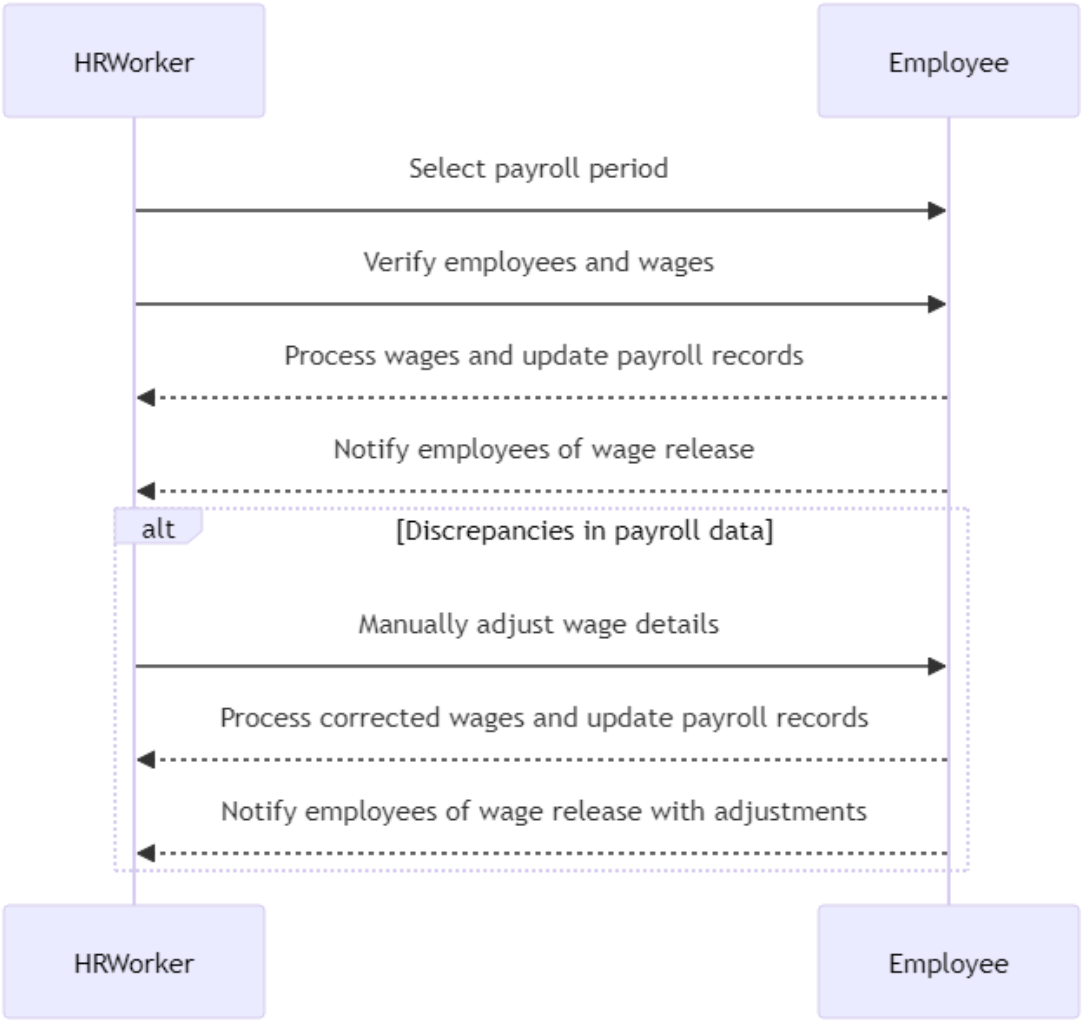
Patient Waitlist Management



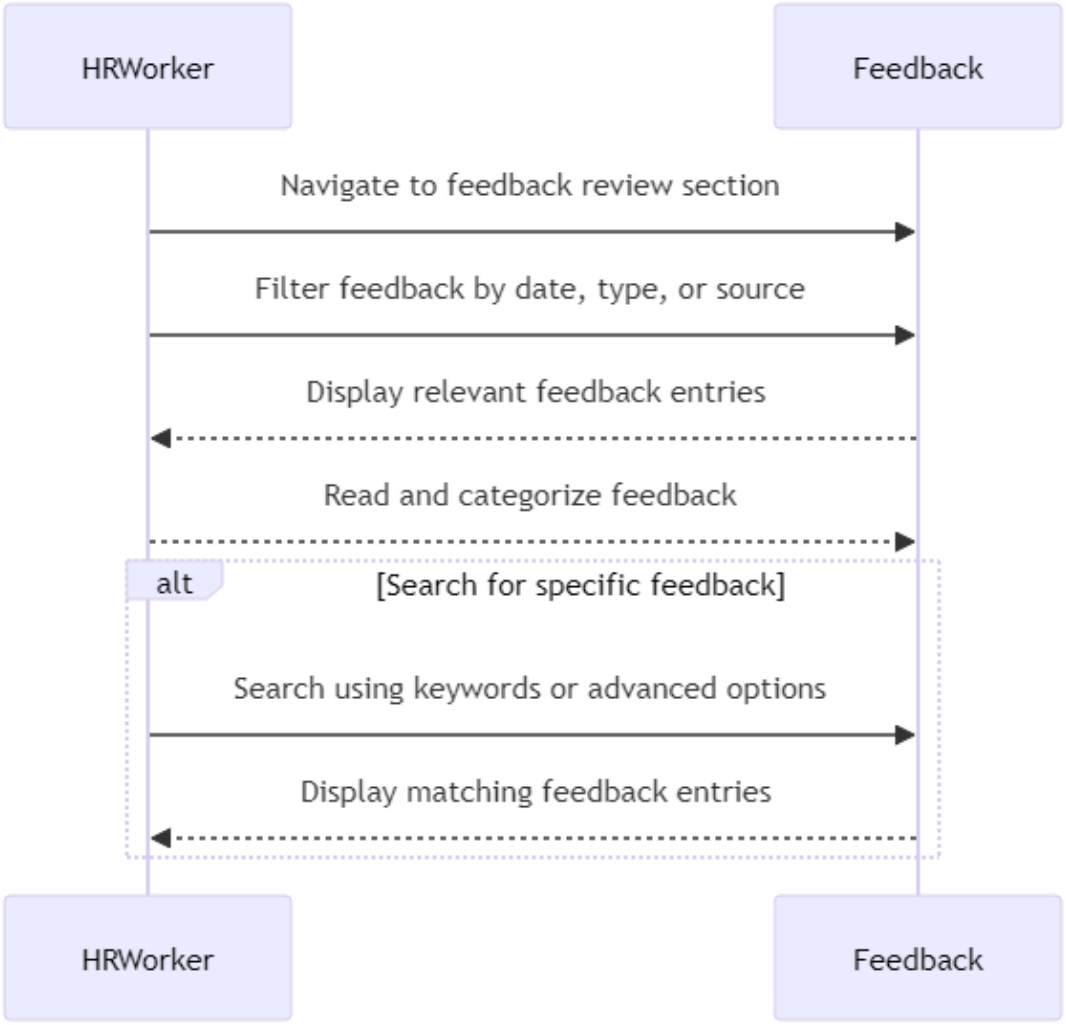
35.Report dental procedures



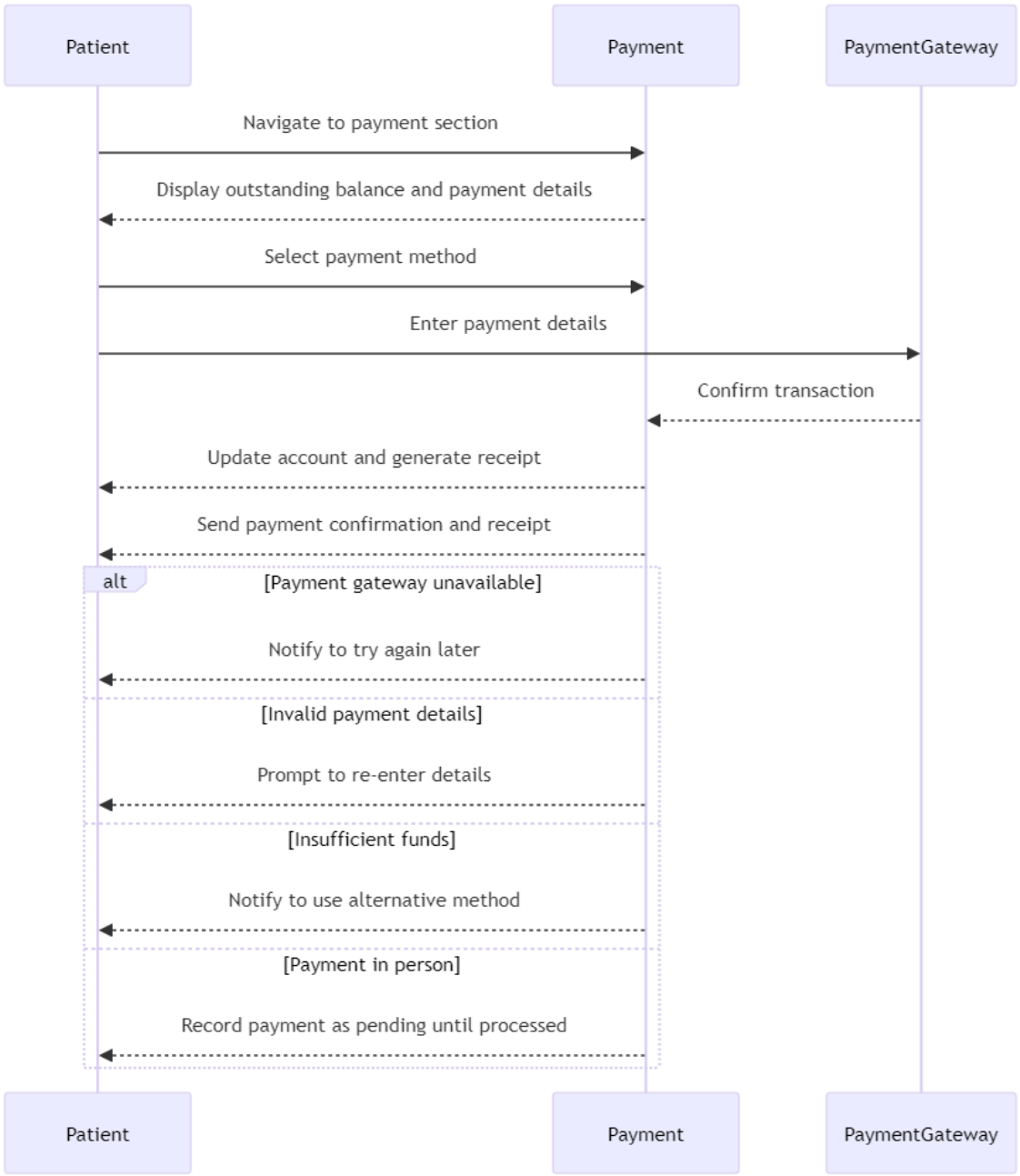
36.Release wages



37.Review feedback

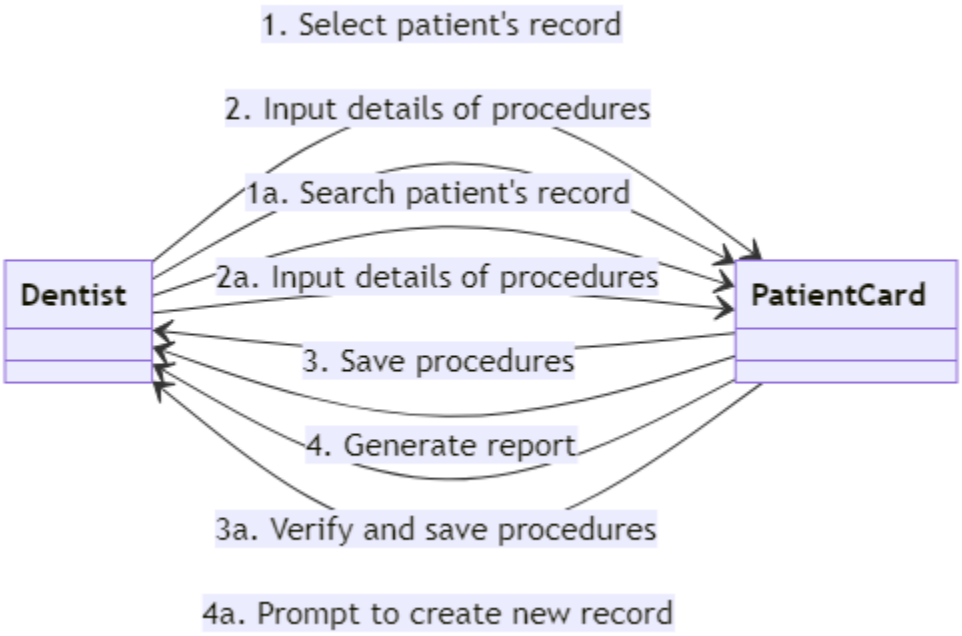

HRWorker
Feedback
Navigate to feedback review section
Filter feedback by date, type, or source
Display relevant feedback entries
Read and categorize feedback
alt
[Search for specific feedback]
Search using keywords or advanced options
Display matching feedback entries
HRWorker
Feedback

38.Make payment

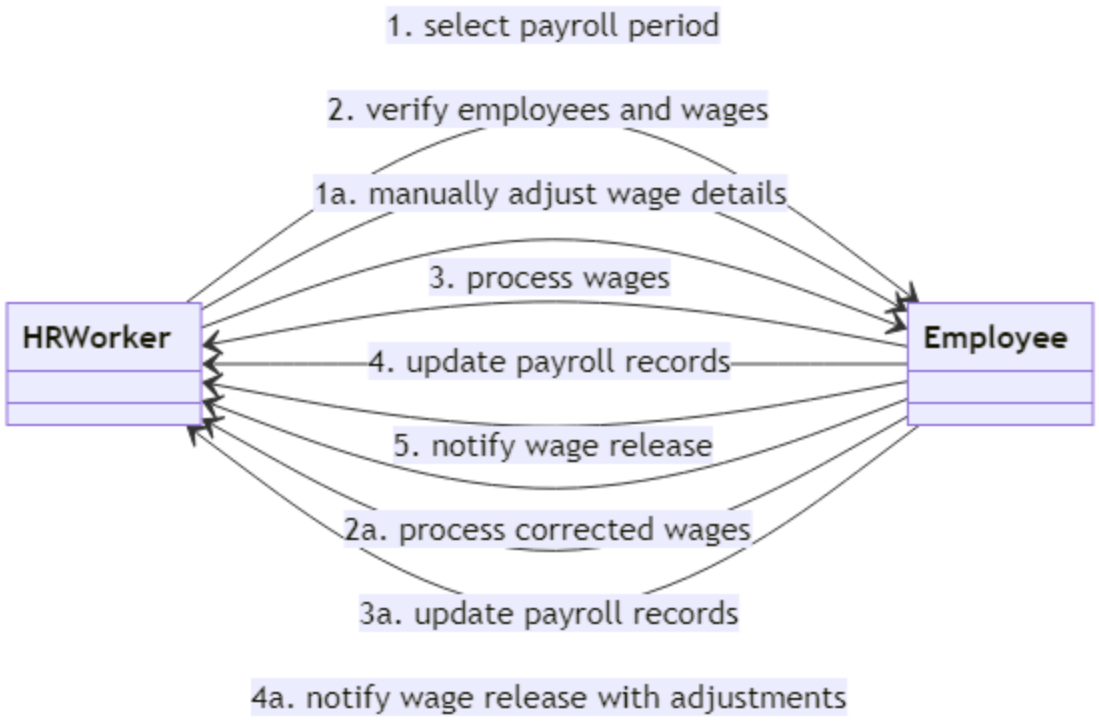


Collaboration Diagrams

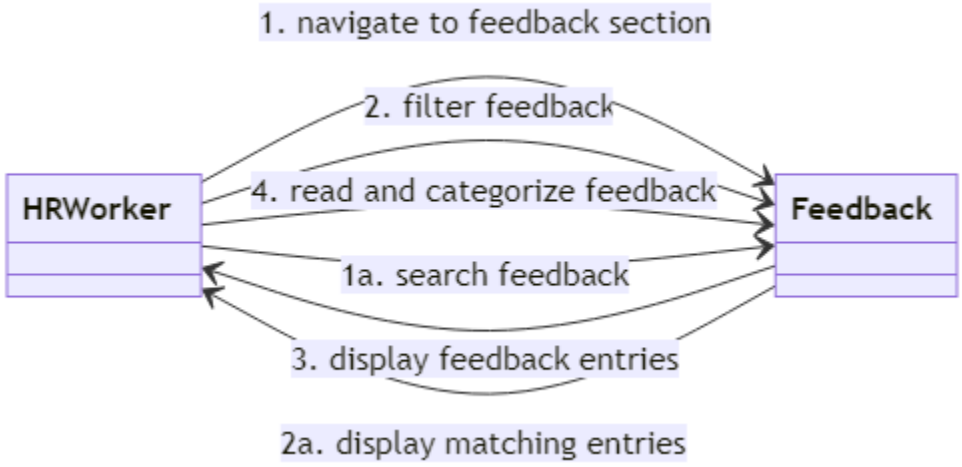
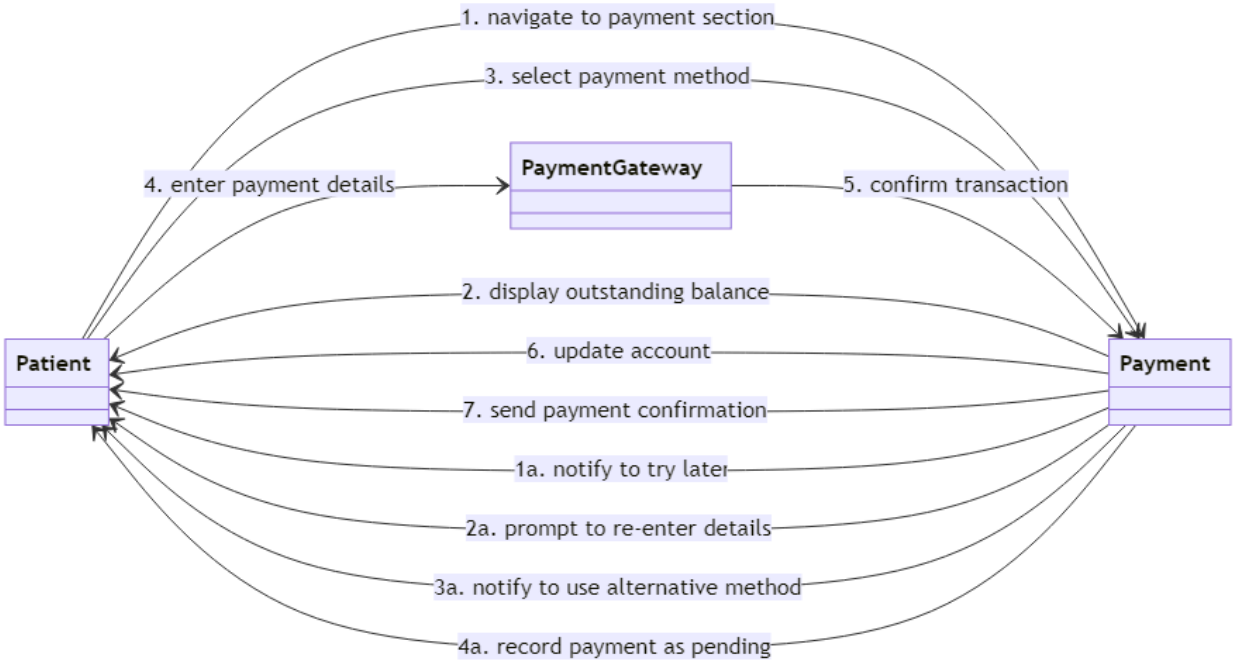
.Report dental procedures



Release wages



Review feedback



Make payment