

VaxScheduler

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Project Description

“online platform that enables users to search for and access reliable medical information about vaccines, empowering them to make informed health decisions. Additionally, the platform provides a service for booking appointments to receive the appropriate vaccine at suitable healthcare centers.”

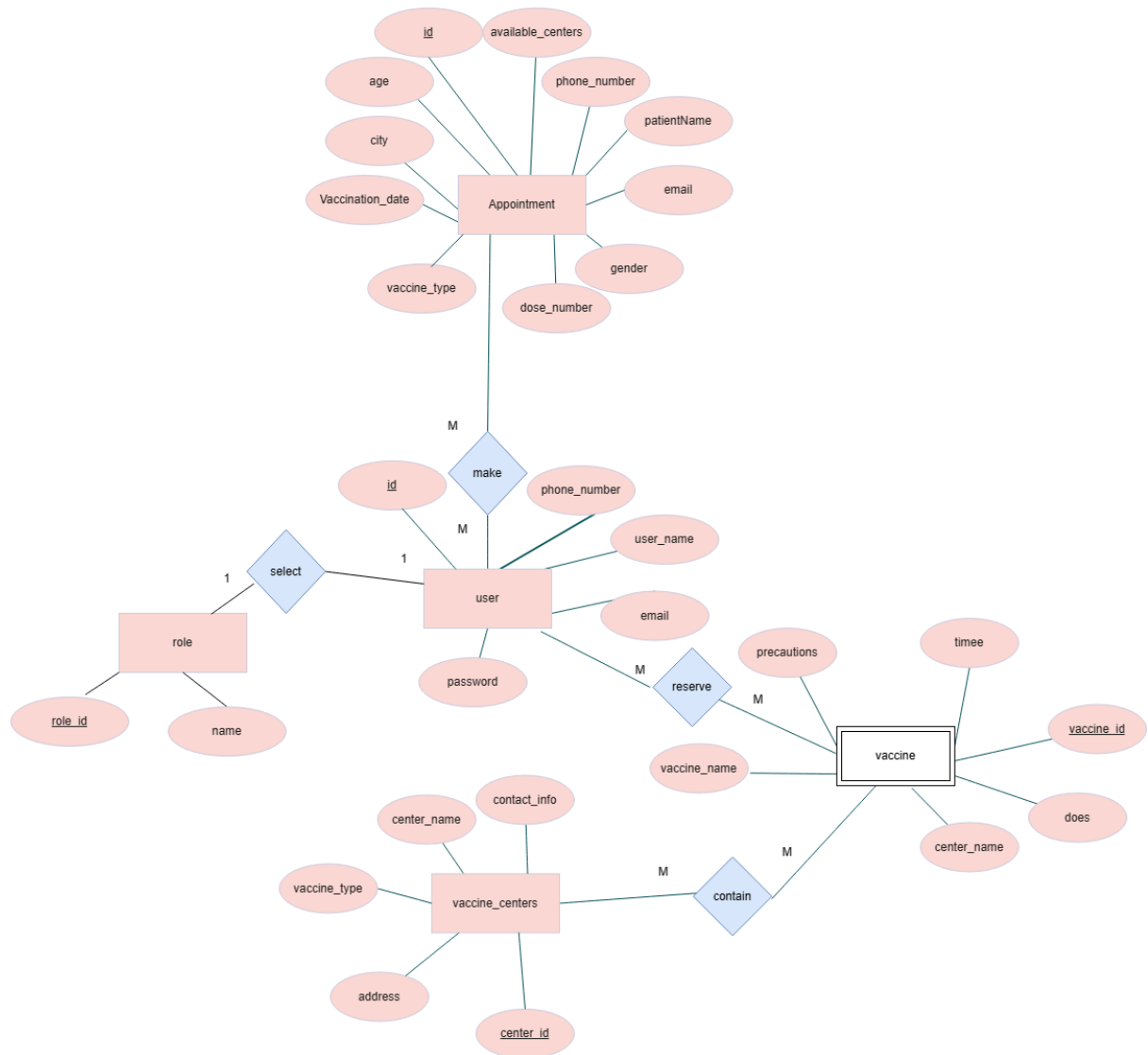
Project Features

- Users can browse medical information about vaccines .
- Making online Appointment
- Flexible Scheduling: Users have the flexibility to choose appointment slots based on their availability, ensuring convenience and minimizing wait times.
- User-Friendly Interface: Our platform boasts an intuitive interface designed to streamline the appointment booking process for users of all levels of technical proficiency

Use Case Diagram :



ERD:



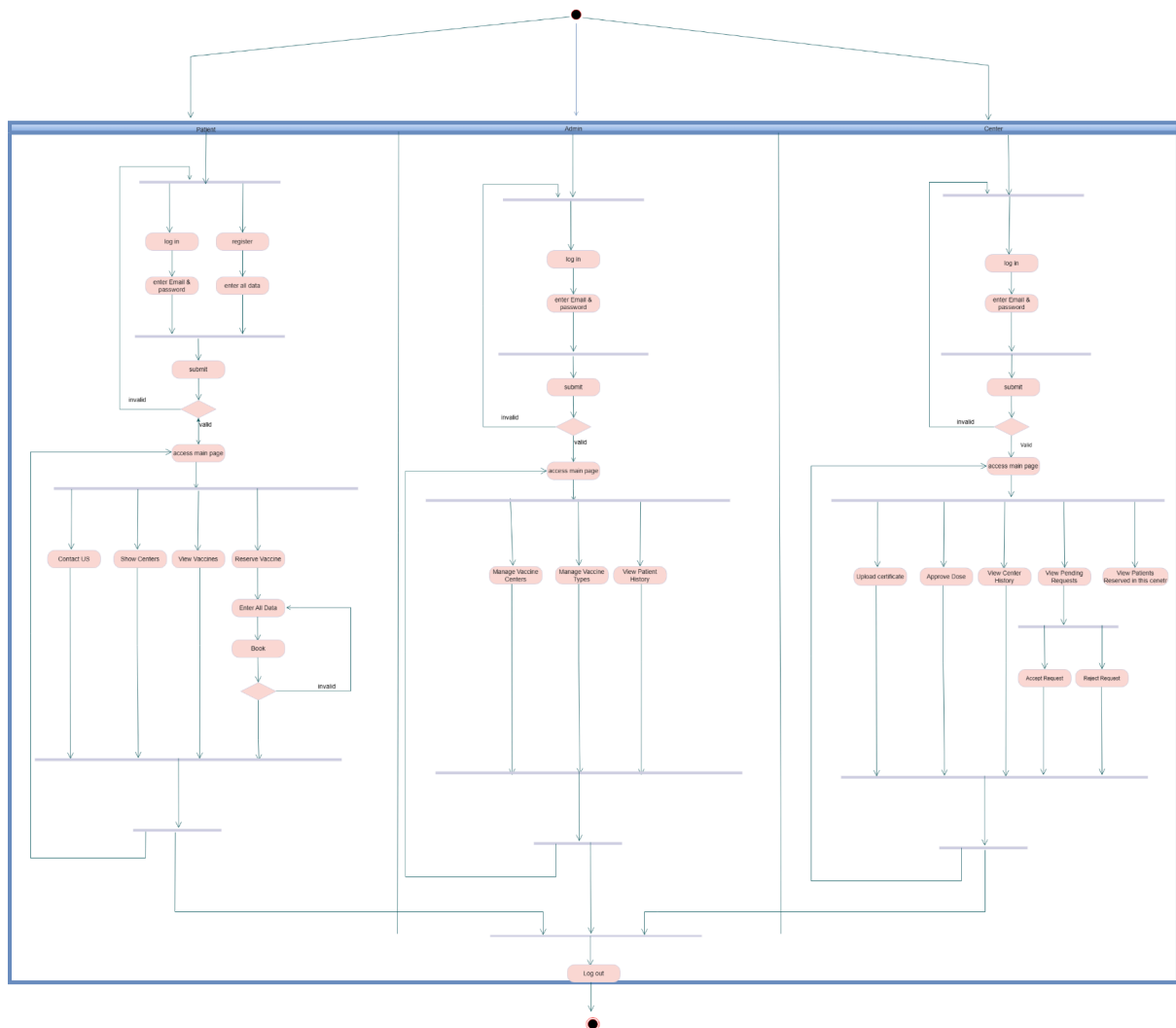
Class Diagram:



OCL :

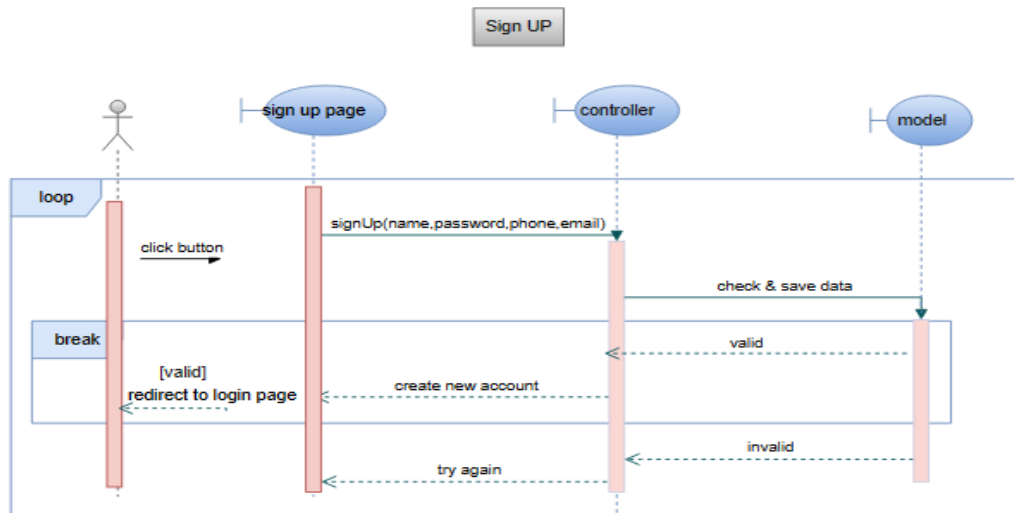
- **unique id for admin , patient , center:**
self.all(id->uniq())
- **check if user entered correct Date :**
self.now() < self.date
- **check entered age:**
context Patient
inv: self.age >= 18
- **check email format:**
context email
inv:
self.matches('[\\w.%+-]+@gmail\\.com\$')
- **check password strength:**
context Password
inv:
self.size() > 4
- **check Phone :**
context PhoneNumber
inv:
self.size() = 11

Activity Diagram:

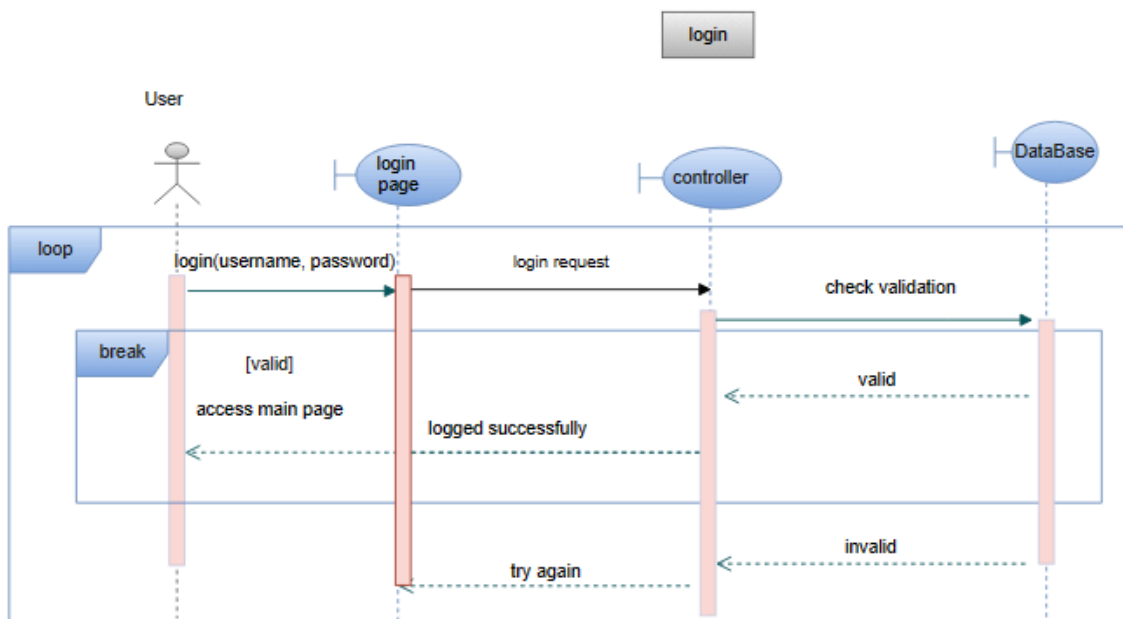


Sequence Diagrams:

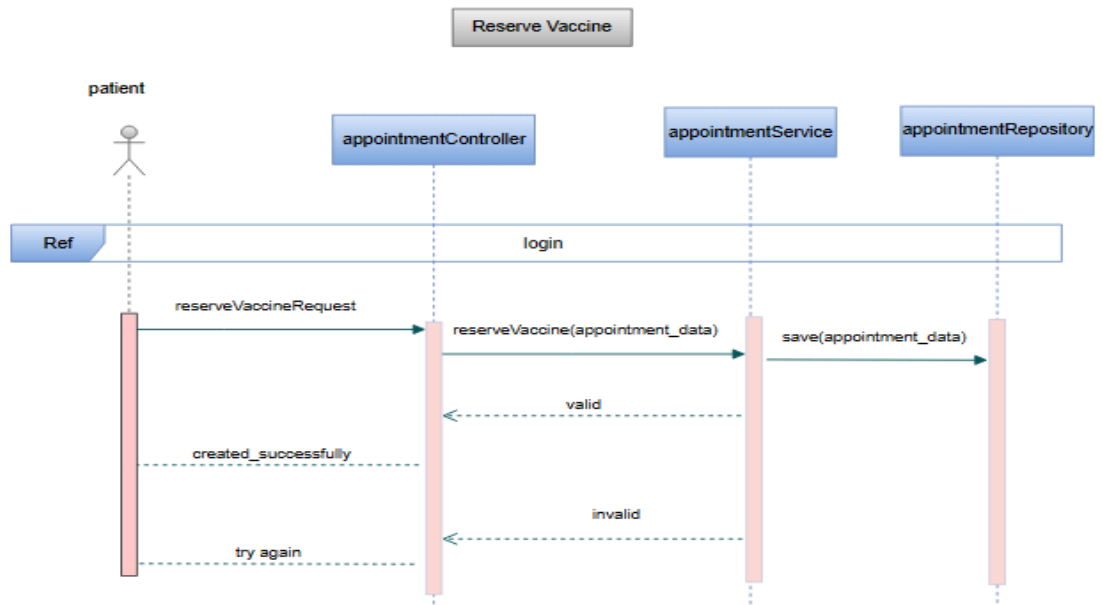
-sign up :



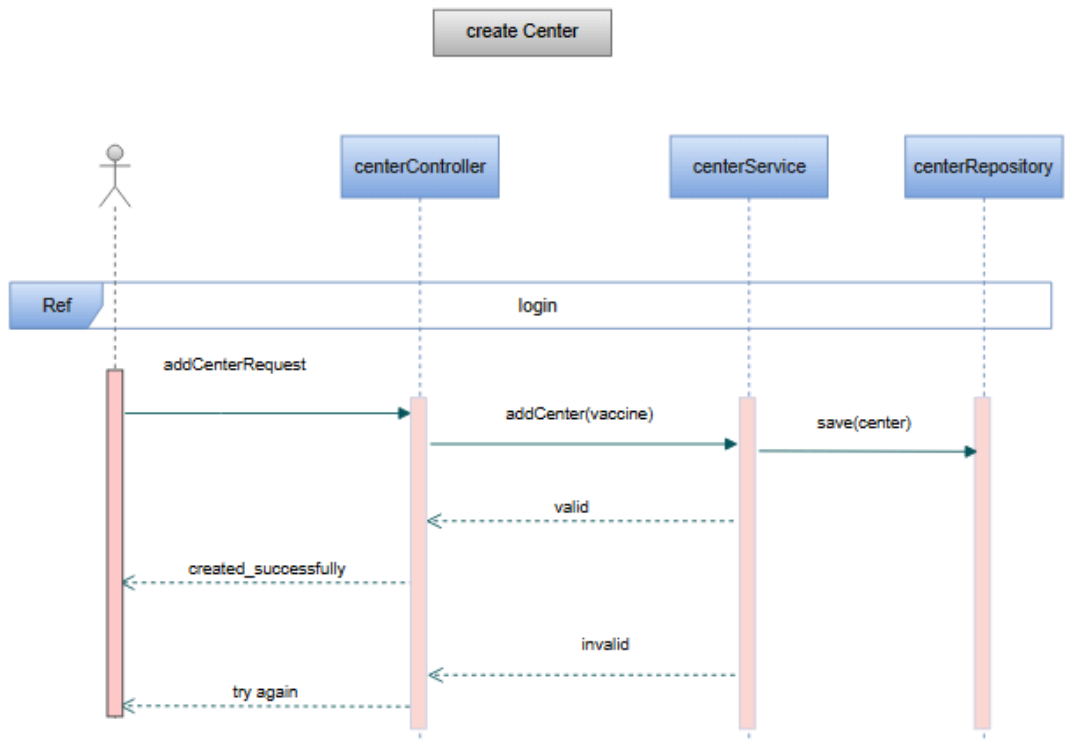
- login :



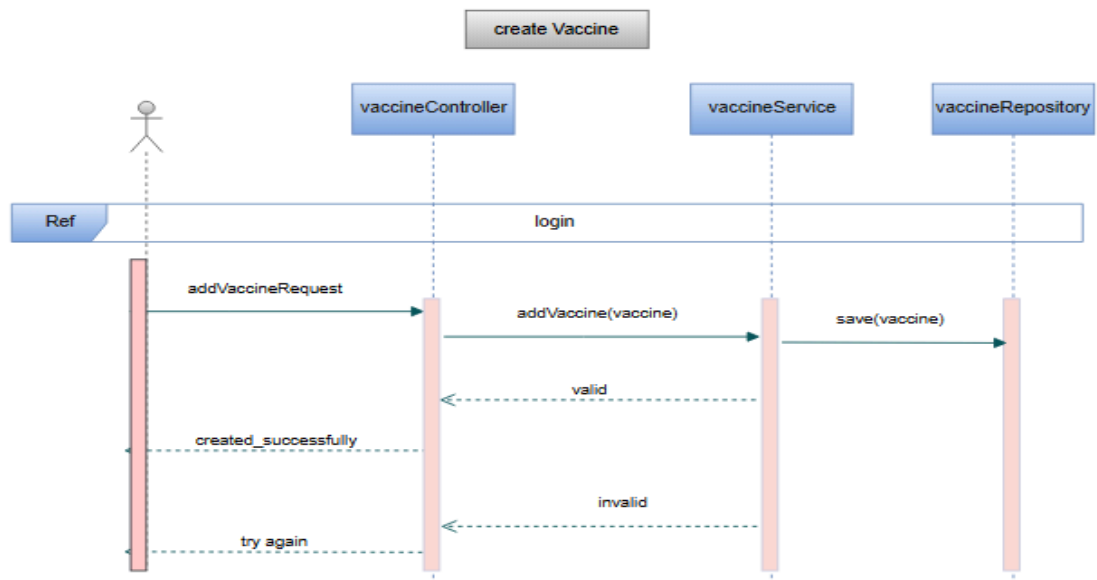
-Appointment :



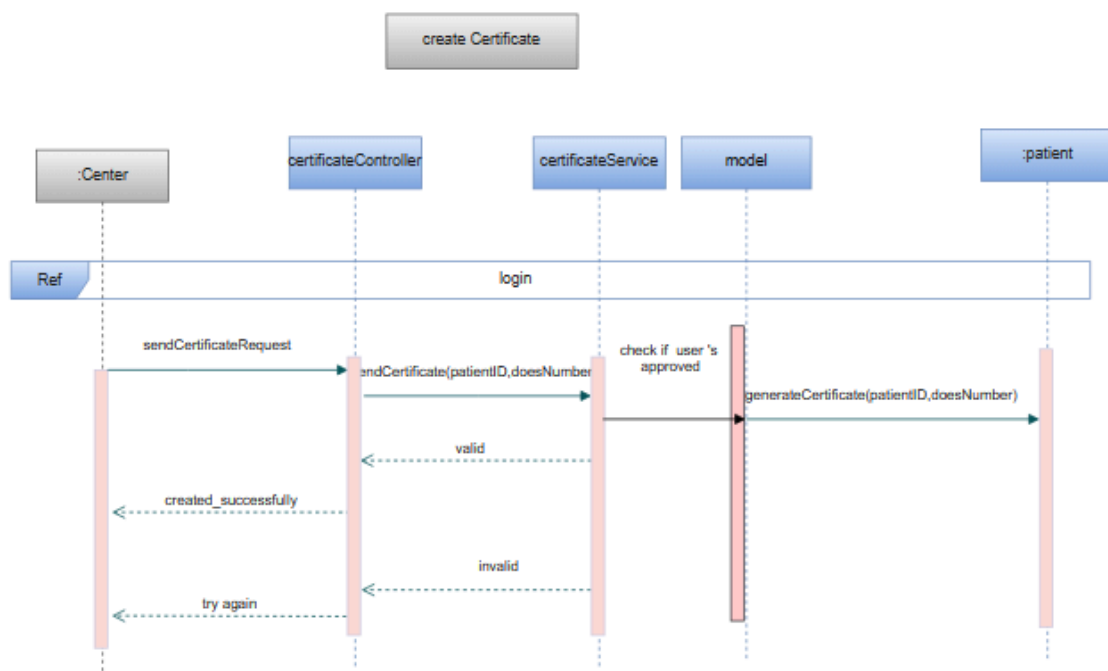
-Create Center :



-Create Vaccine :



-Create Certificate:



THANK YOU !