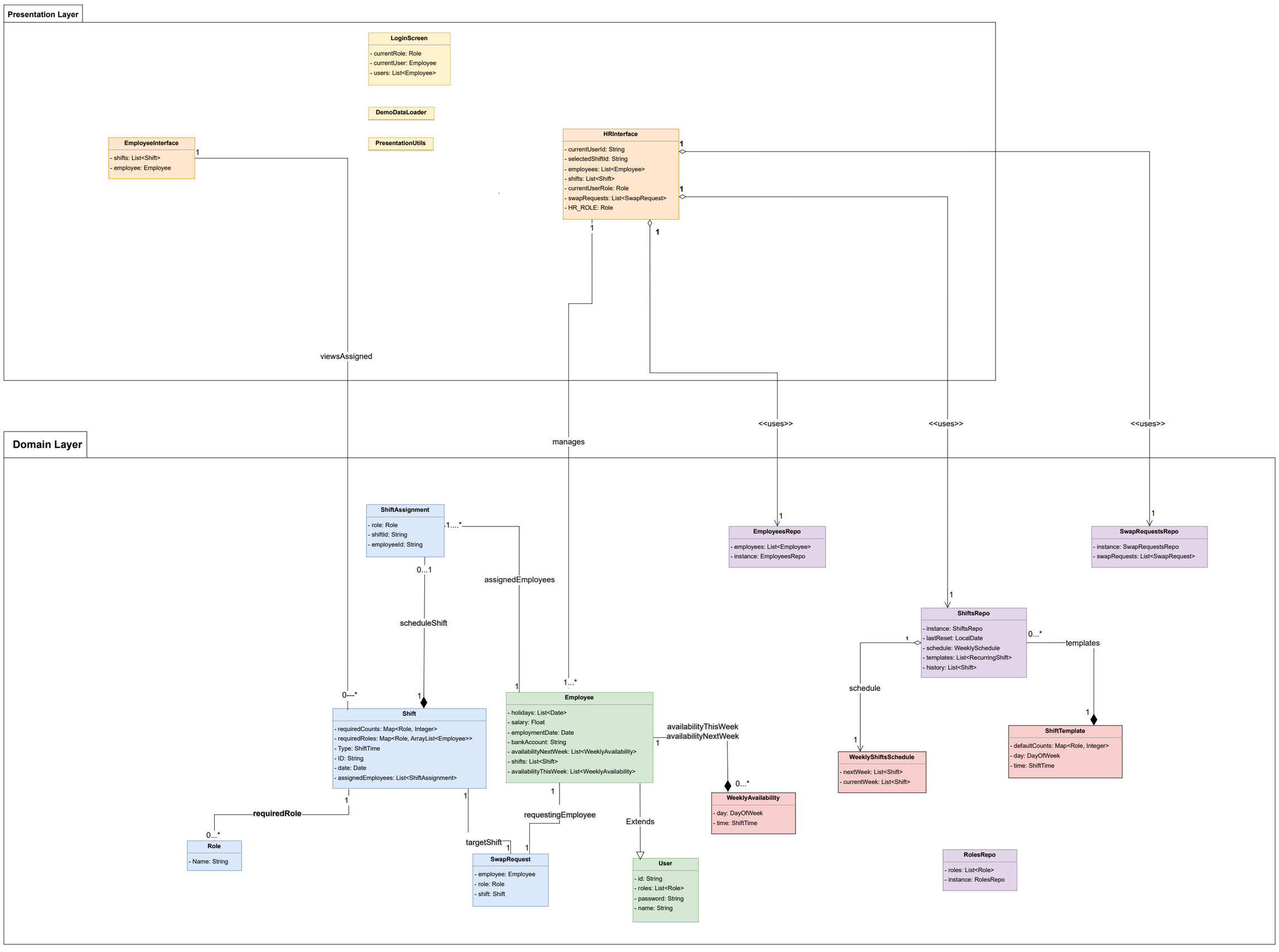
Presentation Layer
LoginScreen
- currentRole: Role
- currentUser: Employee
- users: List<Employee>
DemoDataLoader
PresentationUtils
EmployeeInterface
- shifts: List<Shift>
- employee: Employee
HRInterface
- currentUserId: String
- selectedShiftId: String
- employees: List<Employee>
- shifts: List<Shift>
- currentUserRole: Role
- swapRequests: List<SwapRequest>
- HR_ROLE: Role
viewsAssigned
manages
<<uses>>
<<uses>>
<<uses>>
Domain Layer
ShiftAssignment
- role: Role
- shiftId: String
- employeeId: String
assignedEmployees
scheduleShift
EmployeesRepo
- employees: List<Employee>
- instance: EmployeesRepo
SwapRequestsRepo
- instance: SwapRequestsRepo
- swapRequests: List<SwapRequest>
ShiftsRepo
- instance: ShiftsRepo
- lastReset: LocalDate
- schedule: WeeklySchedule
- templates: List<RecurringShift>
- history: List<Shift>
templates
schedule
Shift
- requiredCounts: Map<Role, Integer>
- requiredRoles: Map<Role, ArrayList<Employee>>
- Type: ShiftTime
- ID: String
- date: Date
- assignedEmployees: List<ShiftAssignment>
Employee
- holidays: List<Date>
- salary: Float
- employmentDate: Date
- bankAccount: String
- availabilityNextWeek: List<WeeklyAvailability>
- shifts: List<Shift>
- availabilityThisWeek: List<WeeklyAvailability>
availabilityThisWeek
availabilityNextWeek
WeeklyShiftsSchedule
- nextWeek: List<Shift>
- currentWeek: List<Shift>
ShiftTemplate
- defaultCounts: Map<Role, Integer>
- day: DayOfWeek
- time: ShiftTime
requiredRole
Role
- Name: String
requestingEmployee
Extends
WeeklyAvailability
- day: DayOfWeek
- time: ShiftTime
targetShift
SwapRequest
- employee: Employee
- role: Role
- shift: Shift
User
- id: String
- roles: List<Role>
- password: String
- name: String
RolesRepo
- roles: List<Role>
- instance: RolesRepo