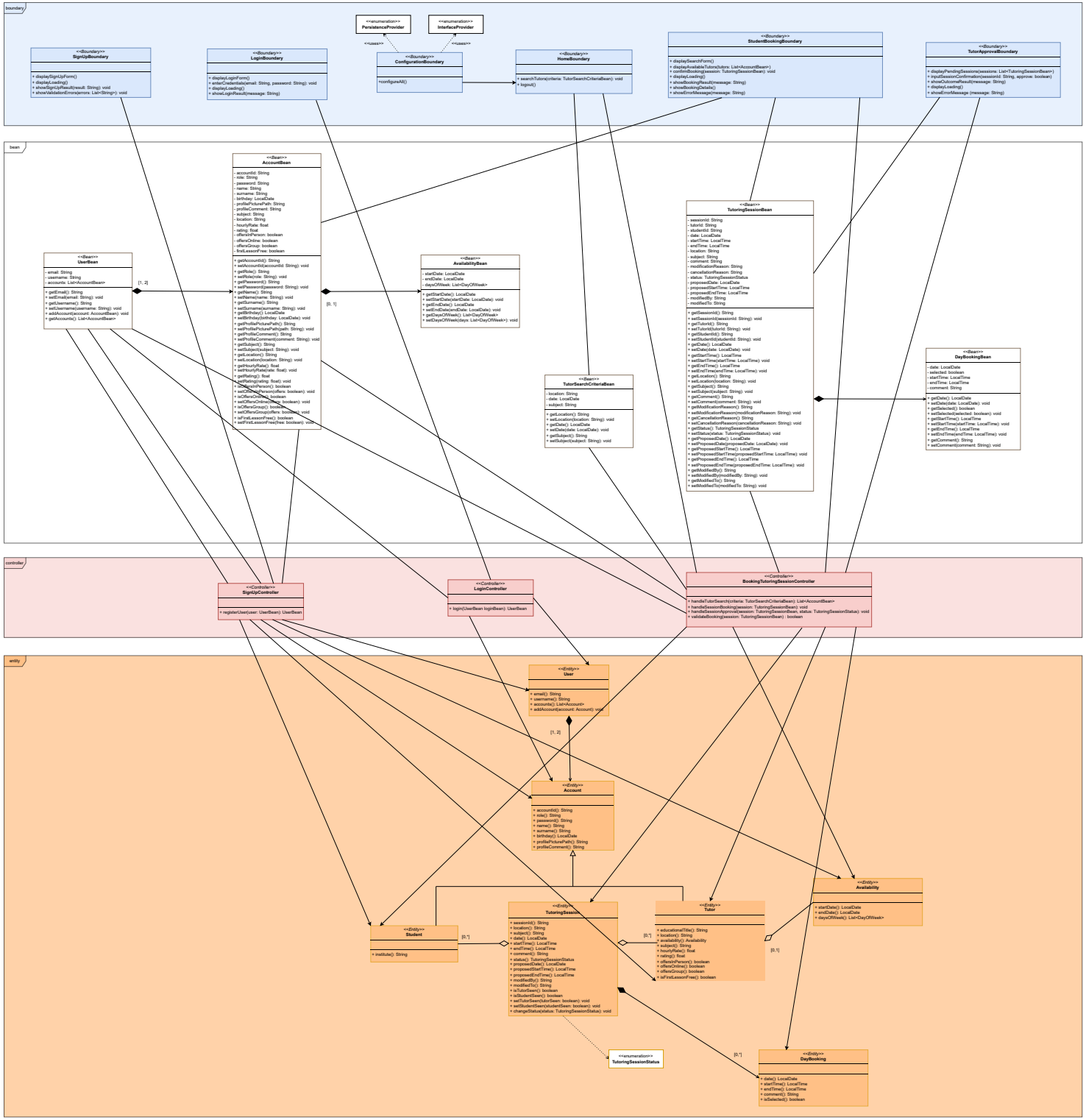
boundary
<<enumeration>>
PersistanceProvider
<<enumeration>>
InterfaceProvider
<<uses>>
<<uses>>
<<Boundary>>
SignUpBoundary
+ displaySignUpForm()
+ displayLoading()
+ showSignUpResult(result: String): void
+ showValidationErrors(errors: List<String>): void
<<Boundary>>
LoginBoundary
+ displayLoginForm()
+ enterCredentials(email: String, password: String): void
+ displayLoading()
+ showLoginResult(message: String)
<<Boundary>>
ConfigurationBoundary
+configureAll()
<<Boundary>>
HomeBoundary
+ searchTutors(criteria: TutorSearchCriteriaBean): void
+ logout()
<<Boundary>>
StudentBookingBoundary
+ displaySearchForm()
+ displayAvailableTutors(tutors: List<AccountBean>)
+ confirmBooking(session: TutoringSessionBean): void
+ displayLoading()
+ showBookingResult(message: String)
+ showBookingDetails()
+ showErrorMessage(message: String)
<<Boundary>>
TutorApprovalBoundary
+ displayPendingSessions(sessions: List<TutoringSessionBean>)
+ inputSessionConfirmation(sessionId: String, approve: boolean)
+ showOutcomeResult(message: String)
+ displayLoading()
+ showErrorMessage (message: String)
bean
<<Bean>>
AccountBean
- accountId: String
- role: String
- password: String
- name: String
- surname: String
- birthday: LocalDate
- profilePicturePath: String
- profileComment: String
- subject: String
- location: String
- hourlyRate: float
- rating: float
- offersInPerson: boolean
- offersOnline: boolean
- offersGroup: boolean
- firstLessonFree: boolean
+ getAccountId(): String
+ setAccountId(accountId: String): void
+ getRole(): String
+ setRole(role: String): void
+ getPassword(): String
+ setPassword(password: String): void
+ getName(): String
+ setName(name: String): void
+ getSurname(): String
+ setSurname(surname: String): void
+ getBirthday(): LocalDate
+ setBirthday(birthday: LocalDate): void
+ getProfilePicturePath(): String
+ setProfilePicturePath(path: String): void
+ getProfileComment(): String
+ setProfileComment(comment: String): void
+ getSubject(): String
+ setSubject(subject: String): void
+ getLocation(): String
+ setLocation(location: String): void
+ getHourlyRate(): float
+ setHourlyRate(rate: float): void
+ getRating(): float
+ setRating(rating: float): void
+ isOfferingInPerson(): boolean
+ setOfferingInPerson(offers: boolean): void
+ isOfferingOnline(): boolean
+ setOfferingOnline(offers: boolean): void
+ isOfferingGroup(): boolean
+ setOfferingGroup(offers: boolean): void
+ isFirstLessonFree(): boolean
+ setFirstLessonFree(free: boolean): void
<<Bean>>
UserBean
- email: String
- username: String
- accounts: List<AccountBean>
+ getEmail(): String
+ setEmail(email: String): void
+ getUsername(): String
+ setUsername(username: String): void
+ addAccount(account: AccountBean): void
+ getAccounts(): List<AccountBean>
[1, 2]
[0, 1]
<<Bean>>
AvailabilityBean
- startDate: LocalDate
- endDate: LocalDate
- daysOfWeek: List<DayOfWeek>
+ getStartDate(): LocalDate
+ setStartDate(startDate: LocalDate): void
+ getEndDate(): LocalDate
+ setEndDate(endDate: LocalDate): void
+ getDaysOfWeek(): List<DayOfWeek>
+ setDaysOfWeek(days: List<DayOfWeek>): void
<<Bean>>
TutorSearchCriteriaBean
- location: String
- date: LocalDate
- subject: String
+ getLocation(): String
+ setLocation(location: String): void
+ getDate(): LocalDate
+ setDate(date: LocalDate): void
+ getSubject(): String
+ setSubject(subject: String): void
<<Bean>>
TutoringSessionBean
- sessionId: String
- tutorId: String
- studentId: String
- date: LocalDate
- startTime: LocalTime
- endTime: LocalTime
- location: String
- subject: String
- comment: String
- modificationReason: String
- cancellationReason: String
- status: TutoringSessionStatus
- proposedDate: LocalDate
- proposedStartTime: LocalTime
- proposedEndTime: LocalTime
- modifiedBy: String
- modifiedTo: String
+ getSessionId(): String
+ setSessionId(sessionId: String): void
+ getTutorId(): String
+ setTutorId(tutorId: String): void
+ getStudentId(): String
+ setStudentId(studentId: String): void
+ getDate(): LocalDate
+ setDate(date: LocalDate): void
+ getStartTime(): LocalTime
+ setStartTime(startTime: LocalTime): void
+ getEndTime(): LocalTime
+ setEndTime(endTime: LocalTime): void
+ getLocation(): String
+ setLocation(location: String): void
+ getSubject(): String
+ setSubject(subject: String): void
+ getComment(): String
+ setComment(comment: String): void
+ getModificationReason(): String
+ setModificationReason(modificationReason: String): void
+ getCancellationReason(): String
+ setCancellationReason(cancellationReason: String): void
+ getStatus(): TutoringSessionStatus
+ setStatus(status: TutoringSessionStatus): void
+ getProposedDate(): LocalDate
+ setProposedDate(proposedDate: LocalDate): void
+ getProposedStartTime(): LocalTime
+ setProposedStartTime(proposedStartTime: LocalTime): void
+ getProposedEndTime(): LocalTime
+ setProposedEndTime(proposedEndTime: LocalTime): void
+ getModifiedBy(): String
+ setModifiedBy(modifiedBy: String): void
+ getModifiedTo(): String
+ setModifiedTo(modifiedTo: String): void
<<Bean>>
DayBookingBean
- date: LocalDate
- selected: boolean
- startTime: LocalTime
- endTime: LocalTime
- comment: String
+ getDate(): LocalDate
+ setDate(date: LocalDate): void
+ getSelected(): boolean
+ setSelected(selected: boolean): void
+ getStartTime(): LocalTime
+ setStartTime(startTime: LocalTime): void
+ getEndTime(): LocalTime
+ setEndTime(endTime: LocalTime): void
+ getComment(): String
+ setComment(comment: String): void
controller
<<Controller>>
SignUpController
+ registerUser(user: UserBean): UserBean
<<Controller>>
LoginController
+ login(UserBean loginBean): UserBean
<<Controller>>
BookingTutoringSessionController
+ handleTutorSearch(criteria: TutorSearchCriteriaBean): List<AccountBean>
+ handleSessionBooking(session: TutoringSessionBean): void
+ handleSessionApproval(session: TutoringSessionBean, status: TutoringSessionStatus): void
+ validateBooking(session: TutoringSessionBean) : boolean
entity
<<Entity>>
User
+ email(): String
+ username(): String
+ accounts() : List<Account>
+ addAccount(account: Account): void
[1, 2]
<<Entity>>
Account
+ accountId(): String
+ role(): String
+ password(): String
+ name(): String
+ surname(): String
+ birthday(): LocalDate
+ profilePicturePath(): String
+ profileComment(): String
<<Entity>>
Availability
+ startDate(): LocalDate
+ endDate(): LocalDate
+ daysOfWeek(): List<DayOfWeek>
<<Entity>>
Student
+ institute(): String
[0,*]
<<Entity>>
TutoringSession
+ sessionId(): String
+ location(): String
+ subject(): String
+ date(): LocalDate
+ startTime(): LocalTime
+ endTime(): LocalTime
+ comment(): String
+ status(): TutoringSessionStatus
+ proposedDate(): LocalDate
+ proposedStartTime(): LocalTime
+ proposedEndTime(): LocalTime
+ modifiedBy(): String
+ modifiedTo(): String
+ isTutorSeen(): boolean
+ isStudentSeen(): boolean
+ setTutorSeen(tutorSeen: boolean): void
+ setStudentSeen(studentSeen: boolean): void
+ changeStatus(status: TutoringSessionStatus): void
[0,*]
<<Entity>>
Tutor
+ educationalTitle(): String
+ location(): String
+ availability() : Availability
+ subject(): String
+ hourlyRate(): float
+ rating(): float
+ offersInPerson(): boolean
+ offersOnline(): boolean
+ offersGroup(): boolean
+ isFirstLessonFree(): boolean
[0,1]
<<enumeration>>
TutoringSessionStatus
[0,*]
<<Entity>>
DayBooking
+ date(): LocalDate
+ startTime(): LocalTime
+ endTime(): LocalTime
+ comment(): String
+ isSelected(): boolean