NotificationFactorySingleton: Design pattern application «abstract» Notification #id: int #sender: User #receiver: User User #dateTime: LocalDateTime +promptMessage() +getId() +getSender() +getReceiver() +getNotificationDate() +getDescription() +getType() Client WorkoutPlanReadyNotification EmailReceivedNotification RejectedRequestNotification SubscriptionToCourseNotification SubscriptionToTrainerNotification NotificationFactorySingleton +instance: NotificationFactorySingleton +createNotification(int idNotification, int type, String info, LocalDateTime dateTime, User sender, User receiver): Notification +getInstance(): NotificationFactorySingleton +createCourseCommunicationNotification(User sender, Course course, String text): Notification +createRejectedRequestNotification(User sender): Notification +createSubscribeToTrainerNotification(User sender, User receiver, int subscribers): Notification +createSubscribeToCourseNotification(User sender, User receiver, Course course, int subscribers): Notification +createWorkoutPlanReadyNotification(User sender, User receiver): Notification