NotificationFactorySingleton: Design pattern application

Client

«abstract»
Notification

#id: int
#sender: User
#receiver: User
#dateTime: LocalDateTime

+getId()
+getSender()
+getReceiver()
+getNotificationDate()
+promptMessage()
+getDescription()
+getType()

WorkoutPlanReadyNotification

+promptMessage()
+getDescription()
+getType()

EmailReceivedNotification

+promptMessage()
+getDescription()
+getType()

RejectedRequestNotification

+promptMessage()
+getDescription()
+getType()

SubscriptionToCourseNotification

+promptMessage()
+getDescription()
+getType()

SubscriptionToTrainerNotification

+promptMessage()
+getDescription()
+getType()

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