Software Construction And Development

Project artifact (05)

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Class Diagram:

User
- user Id : string
- name : string
- email : string
- phoneNumber : string
- university Id : string
- role : string

+void register()
+void login()
+void reportLostItem()
+void reportFoundItem()

LostItem
- dateLost : Date
- lastKnownLocatio : string

Item
- item Id : string
- name : string
- category: string
- description : string
- date Reported : Date
- location : string

Claim
- claim Id : string
- itemId : string
- claimedByUserId: string
- dateClaimed : Date
- verificationDetails : string
- claimStatus

SystemAdmin
- adminId : string
- name : string

+void manageUsers()
+void verifyClaim(Claim claim)
+void updateItemStatus(Item item, String newStatus)
+List<Item> generateReports()

FoundItem
- dateFound : Date
- foundLocation : string
- storageLocation : string
- foundByUserId : string

Notification
- notificationId : string
- userId : string
- message : string
- timestamp : date
- status : string

reports · inherits · verify · makes · refers to · inherits · reports · has