Data Modeling Report

Class Diagram

Version 1.0 ● Proposed

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Table of Contents

Class Diagram

Package in package 'SPFG'

Class Diagram
Version 1.0 Phase 1.0 Proposed
Dave created on 08/05/2018. Last modified 17/05/2018
Alias

Class Diagram diagram

Class diagram in package 'Class Diagram'

Class Diagram
Version 1.0
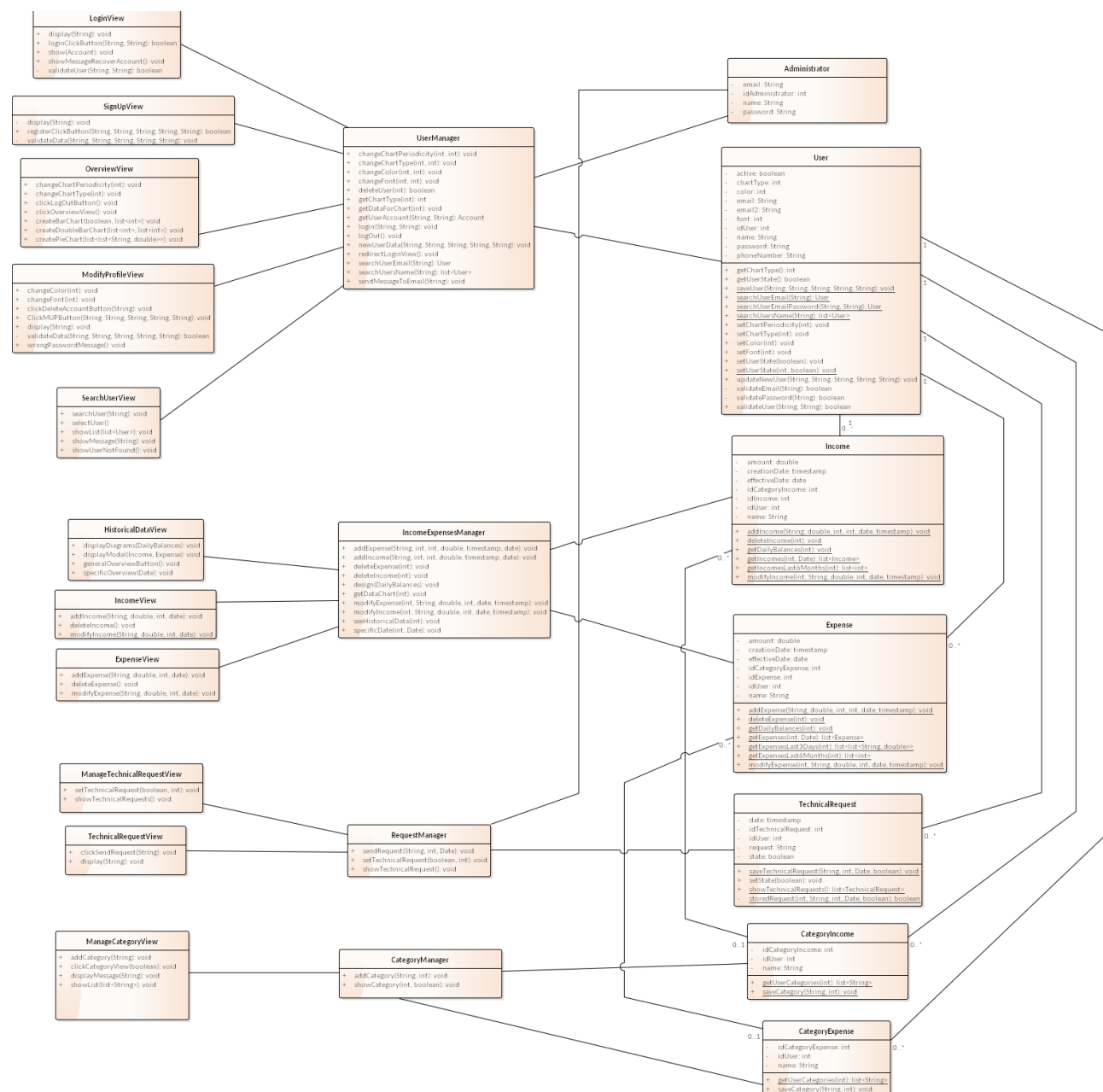TOSHIBA created on 08/05/2018. Last modified 20/05/2018

Figure 1:   Class Diagram

Administrator

Class in package 'Class Diagram'

Administrator
Version 1.0 Phase 1.0 Proposed
alonso created on 20/05/2018. Last modified 20/05/2018

ATTRIBUTES
◆ email : String Private
[Is static False. Containment is Not Specified.]
◆ idAdministrator : int Private
[Is static False. Containment is Not Specified.]
◆ name : String Private
[Is static False. Containment is Not Specified.]
◆ password : String Private
[Is static False. Containment is Not Specified.]

ASSOCIATIONS
✏ Association (direction: Unspecified)
Source: Public (Class) UserManager   Target: Public (Class) Administrator
✏ Association (direction: Unspecified)
Source: Public (Class) RequestManager   Target: Public (Class) Administrator

CategoryExpense

Class in package 'Class Diagram'

CategoryExpense
Version 1.0 Phase 1.0 Proposed
alonso created on 18/05/2018. Last modified 18/05/2018

ATTRIBUTES
◆ idCategoryExpense : int Private
[Is static False. Containment is Not Specified.]

ATTRIBUTES

🔹 idUser : int Private

[Is static False. Containment is Not Specified.]

🔹 name : String Private

[Is static False. Containment is Not Specified.]

ASSOCIATIONS

✏️ Association (direction: Unspecified)

Source: Public (Class) CategoryExpense   Target: Public (Class) User
    Cardinality: [0..*]   Cardinality: [1]

✏️ Association (direction: Unspecified)

Source: Public (Class) Expense   Target: Public (Class) CategoryExpense
    Cardinality: [0..*]   Cardinality: [0..1]

✏️ Association (direction: Unspecified)

Source: Public (Class) CategoryManager   Target: Public (Class) CategoryExpense

OPERATIONS

🔹 getUserCategories (idUser : int) : list<String> Public

[Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔹 saveCategory (nameCategory : String , idUser : int) : void Public

[Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

CategoryIncome

Class in package 'Class Diagram'

CategoryIncome
Version 1.0 Phase 1.0 Proposed
alonso created on 18/05/2018. Last modified 18/05/2018

ATTRIBUTES

🔹 idCategoryIncome : int Private

[Is static False. Containment is Not Specified.]

🔹 idUser : int Private

[Is static False. Containment is Not Specified.]

ATTRIBUTES

◆ name : String Private

[Is static False. Containment is Not Specified.]

ASSOCIATIONS

✎ Association (direction: Unspecified)

Source: Public (Class) CategoryIncome   Target: Public (Class) User
   Cardinality: [0..*]   Cardinality: [1]

✎ Association (direction: Unspecified)

Source: Public (Class) Income   Target: Public (Class) CategoryIncome
   Cardinality: [0..*]   Cardinality: [0..1]

✎ Association (direction: Unspecified)

Source: Public (Class) CategoryManager   Target: Public (Class) CategoryIncome

OPERATIONS

◆ getUserCategories (idUser : int) : list<String> Public

[Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ saveCategory (nameCategory : String , idUser : int) : void Public

[Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

CategoryManager

Class in package 'Class Diagram'

CategoryManager
Version 1.0 Phase 1.0 Proposed
alonso created on 18/05/2018. Last modified 18/05/2018

ASSOCIATIONS

✎ Association (direction: Unspecified)

Source: Public (Class) CategoryManager   Target: Public (Class) CategoryExpense

✎ Association (direction: Unspecified)

Source: Public (Class) CategoryManager   Target: Public (Class) CategoryIncome

ASSOCIATIONS

✏️ Association (direction: Unspecified)

Source: Public (Class) ManageCategoryView   Target: Public (Class) CategoryManager

OPERATIONS

🔶 addCategory (nameCategory : String , idUser : int) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 showCategory (idUser : int , type : boolean) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Expense

Class in package 'Class Diagram'

Expense
Version 1.0 Phase 1.0 Proposed
alonso created on 18/05/2018. Last modified 18/05/2018

ATTRIBUTES

🔷 amount : double Private

[Is static False. Containment is Not Specified.]

🔷 creationDate : timestamp Private

[Is static False. Containment is Not Specified.]

🔷 effectiveDate : date Private

[Is static False. Containment is Not Specified.]

🔷 idCategoryExpense : int Private

[Is static False. Containment is Not Specified.]

🔷 idExpense : int Private

[Is static False. Containment is Not Specified.]

🔷 idUser : int Private

[Is static False. Containment is Not Specified.]

🔷 name : String Private

[Is static False. Containment is Not Specified.]

ASSOCIATIONS

✏ Association (direction: Unspecified)

Source: Public (Class) Expense   Target: Public (Class) CategoryExpense
   Cardinality: [0..*]   Cardinality: [0..1]

✏ Association (direction: Unspecified)

Source: Public (Class) Expense   Target: Public (Class) User
   Cardinality: [0..*]   Cardinality: [1]

✏ Association (direction: Unspecified)

Source: Public (Class) IncomeExpensesManager   Target: Public (Class) Expense

OPERATIONS

◆ addExpense (name : String , amount : double , idUser : int , idCategoryExpense : int , effectiveDate : date , creationDate : timestamp) : void Public
    [Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ deleteExpense (idExpense : int) : void Public
    [Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ getDailyBalances (idUser : int) : void Public
    [Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ getExpenses (idUser : int , date : Date) : list<Expense> Public
    [Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ getExpensesLast3Days (idUser : int) : list<list<String, double>> Public
    [Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ getExpensesLast6Months (idUser : int) : list<int> Public
    [Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ modifyExpense (idExpense : int , name : String , amount : double , category : int , effectiveDate : date , updateDate : timestamp) : void Public
    [Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ExpenseView

Class in package 'Class Diagram'

ExpenseView

ASSOCIATIONS

✏ Association (direction: Unspecified)

Source: Public (Class) ExpenseView   Target: Public (Class) IncomeExpensesManager

OPERATIONS

🔶 addExpense (name : String , amount : double , category : int , effectiveDate : date) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 deleteExpense () : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 modifyExpense (name : String , amount : double , category : int , effectiveDate : date) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

HistoricalDataView

Class in package 'Class Diagram'

ASSOCIATIONS

✏ Association (direction: Unspecified)

Source: Public (Class) HistoricalDataView   Target: Public (Class) IncomeExpensesManager

OPERATIONS

🔶 displayDiagrams (dailyBalances : DailyBalances) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 displayModal (income : Income , expense : Expense) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 generalOverviewButton () : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 specificOverview (date : Date) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

Income

Class in package 'Class Diagram'

Income
Version 1.0 Phase 1.0 Proposed
alonso created on 18/05/2018. Last modified 18/05/2018

ATTRIBUTES

◆ amount : double Private

[Is static False. Containment is Not Specified.]

◆ creationDate : timestamp Private

[Is static False. Containment is Not Specified.]

◆ effectiveDate : date Private

[Is static False. Containment is Not Specified.]

◆ idCategoryIncome : int Private

[Is static False. Containment is Not Specified.]

◆ idIncome : int Private

[Is static False. Containment is Not Specified.]

◆ idUser : int Private

[Is static False. Containment is Not Specified.]

◆ name : String Private

[Is static False. Containment is Not Specified.]

ASSOCIATIONS

✏ Association (direction: Unspecified)

Source: Public (Class) Income   Target: Public (Class) User
  Cardinality: [0..*]   Cardinality: [1]

✏ Association (direction: Unspecified)

Source: Public (Class) Income   Target: Public (Class) CategoryIncome
  Cardinality: [0..*]   Cardinality: [0..1]

ASSOCIATIONS

🖉 Association (direction: Unspecified)

Source: Public (Class) IncomeExpensesManager   Target: Public (Class) Income

OPERATIONS

◆ addIncome (name : String , amount : double , idCategoryIncome : int , idUser : int , effectiveDate : date , creationDate : timestamp) : void Public

[Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ deleteIncome (idIncome : int) : void Public

[Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ getDailyBalances (idUser : int) : void Public

[Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ getIncomes (idUser : int , date : Date) : list<Income> Public

[Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ getIncomesLast6Months (idUser : int) : list<int> Public

[Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ modifyIncome (idIncome : int , name : String , amount : double , category : int , effectiveDate : date , updateDate : timestamp) : void Public

[Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

IncomeExpensesManager

Class in package 'Class Diagram'

IncomeExpensesManager
Version 1.0 Phase 1.0 Proposed
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ASSOCIATIONS

🖉 Association (direction: Unspecified)

Source: Public (Class) IncomeExpensesManager   Target: Public (Class) Expense

🖉 Association (direction: Unspecified)

Source: Public (Class) IncomeExpensesManager   Target: Public (Class) Income

🖉 Association (direction: Unspecified)

ASSOCIATIONS

Source: Public (Class) IncomeView   Target: Public (Class) IncomeExpensesManager

✏ Association (direction: Unspecified)

Source: Public (Class) ExpenseView   Target: Public (Class) IncomeExpensesManager

✏ Association (direction: Unspecified)

Source: Public (Class) HistoricalDataView   Target: Public (Class) IncomeExpensesManager

OPERATIONS

◆ addExpense (nameExpense : String , idUser : int , idCategory : int , amount : double , creationDate : timestamp , effectiveDate : date) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ addIncome (nameIncome : String , idUser : int , idCategoryIncome : int , amount : double , creationDate : timestamp , effectiveDate : date) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ deleteExpense (idExpense : int) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ deleteIncome (idIncome : int) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ design (dailyBalances : DailyBalances) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ getDataChart (type : int) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ modifyExpense (idExpense : int , name : String , amount : double , category : int , effectiveDate : date , updateDate : timestamp) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ modifyIncome (idIncome : int , name : String , amount : double , category : int , effectiveDate : date , updateDate : timestamp) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ seeHistoricalData (idUser : int) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

OPERATIONS
🔶 specificDate (idUser : int , date : Date) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

IncomeView

Class in package 'Class Diagram'

IncomeView
Version 1.0 Phase 1.0 Proposed
alonso created on 18/05/2018. Last modified 18/05/2018

ASSOCIATIONS
✏️ Association (direction: Unspecified)
Source: Public (Class) IncomeView   Target: Public (Class) IncomeExpensesManager

OPERATIONS
🔶 addIncome (name : String , amount : double , category : int , effectiveDate : date) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]
🔶 deleteIncome () : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]
🔶 modifyIncome (name : String , amount : double , category : int , effectiveDate : date) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

LoginView

Class in package 'Class Diagram'

LoginView
Version 1.0 Phase 1.0 Proposed
alonso created on 17/05/2018. Last modified 18/05/2018

ASSOCIATIONS
✏️ Association (direction: Unspecified)
Source: Public (Class) LoginView   Target: Public (Class) UserManager

OPERATIONS
🔶 display (errorMessage : String) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

◆ loginClickButton (email : String , password : String) : boolean Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ show (account : Account) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ showMessageRecoverAccount () : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ validateUser (email : String , password : String) : boolean Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ManageCategoryView

Class in package 'Class Diagram'

ManageCategoryView
Version 1.0 Phase 1.0 Proposed
alonso created on 18/05/2018. Last modified 18/05/2018

ASSOCIATIONS

✏ Association (direction: Unspecified)

Source: Public (Class) ManageCategoryView   Target: Public (Class) CategoryManager

OPERATIONS

◆ addCategory (name : String) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ clickCategoryView (type : boolean) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ displayMessage (message : String) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ showList (categories : list<String>) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ManageTechnicalRequestView

Class in package 'Class Diagram'

<div align="right">

ManageTechnicalRequestView
Version 1.0 Phase 1.0 Proposed
alonso created on 20/05/2018. Last modified 20/05/2018

</div>

ASSOCIATIONS

   ✏️ Association (direction: Unspecified)

   Source: Public (Class) ManageTechnicalRequestView   Target: Public (Class) RequestManager

OPERATIONS

   🔷 setTechnicalRequest (state : boolean , idTechnicalRequest : int) : void Public
          [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

   🔷 showTechnicalRequests () : void Public
          [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ModifyProfileView

Class in package 'Class Diagram'

<div align="right">

ModifyProfileView
Version 1.0 Phase 1.0 Proposed
alonso created on 18/05/2018. Last modified 20/05/2018

</div>

ASSOCIATIONS

   ✏️ Association (direction: Unspecified)

   Source: Public (Class) ModifyProfileView   Target: Public (Class) UserManager

OPERATIONS

   🔷 changeColor (color : int) : void Public
          [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

   🔷 changeFont (font : int) : void Public
          [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

   🔷 clickDeleteAccountButton (password : String) : void Public
          [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

   🔷 ClickMUPButton (name : String , email : String , pasvword : String , email2 : String , phoneNumber : String) : void Public
          [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

🔷 display (message : String) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔷 validateData (name : String , email : String , password : String , email2 : String , phoneNumber : String) : boolean Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔷 wrongPasswordMessage () : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

OverviewView

Class in package 'Class Diagram'

OverviewView
Version 1.0 Phase 1.0 Proposed
alonso created on 18/05/2018. Last modified 18/05/2018

ASSOCIATIONS

✏️ Association (direction: Unspecified)

Source: Public (Class) OverviewView   Target: Public (Class) UserManager

OPERATIONS

🔷 changeChartPeriodicity (periodicity : int) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔷 changeChartType (type : int) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔷 clickLogOutButton () : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔷 clickOverviewView () : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔷 createBarChart (type : boolean , data : list<int>) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔷 createDoubleBarChart (incomes : list<int> , expenses : list<int>) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

OPERATIONS
🔶 createPieChart (list_daily_expenses : list<list<String, double>>) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

RequestManager

Class in package 'Class Diagram'

RequestManager
Version 1.0 Phase 1.0 Proposed
alonso created on 18/05/2018. Last modified 18/05/2018

ASSOCIATIONS
🖊 Association (direction: Unspecified)
Source: Public (Class) RequestManager   Target: Public (Class) TechnicalRequest
🖊 Association (direction: Unspecified)
Source: Public (Class) RequestManager   Target: Public (Class) Administrator
🖊 Association (direction: Unspecified)
Source: Public (Class) ManageTechnicalRequestView   Target: Public (Class) RequestManager
🖊 Association (direction: Unspecified)
Source: Public (Class) TechnicalRequestView   Target: Public (Class) RequestManager

OPERATIONS
🔶 sendRequest (request : String , idUser : int , date : Date) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]
🔶 setTechnicalRequest (state : boolean , idTechnicalRequest : int) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]
🔶 showTechnicalRequest () : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SearchUserView

Class in package 'Class Diagram'

ASSOCIATIONS

✏ Association (direction: Unspecified)

Source: Public (Class) SearchUserView   Target: Public (Class) UserManager

OPERATIONS

🔶 searchUser (email : String) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 selectUser () : Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 showList (users : list<User>) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 showMessage (message : String) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 showUserNotFound () : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SignUpView

Class in package 'Class Diagram'

ASSOCIATIONS

✏ Association (direction: Unspecified)

Source: Public (Class) SignUpView   Target: Public (Class) UserManager

OPERATIONS

🔶 display (message : String) : void Private

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 registerClickButton (name : String , email : String , password : String , email2 : String , phoneNumber : String) : boolean

OPERATIONS
Public [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]
◆ validateData (name : String , email : String , password : String , email2 : String , phoneNumber : String) : void Private [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TechnicalRequest

Class in package 'Class Diagram'

TechnicalRequest
Version 1.0 Phase 1.0 Proposed
alonso created on 18/05/2018. Last modified 18/05/2018

ATTRIBUTES
◆ date : timestamp Private [Is static False. Containment is Not Specified.]
◆ idTechnicalRequest : int Private [Is static False. Containment is Not Specified.]
◆ idUser : int Private [Is static False. Containment is Not Specified.]
◆ request : String Private [Is static False. Containment is Not Specified.]
◆ state : boolean Private [Is static False. Containment is Not Specified.]

ASSOCIATIONS
✎ Association (direction: Unspecified)
Source: Public (Class) User   Target: Public (Class) TechnicalRequest   Cardinality: [1]   Cardinality: [0..*]
✎ Association (direction: Unspecified)
Source: Public (Class) RequestManager   Target: Public (Class) TechnicalRequest

OPERATIONS
◆ saveTechnicalRequest (request : String , idUser : int , date : Date , state : boolean) : void Public

OPERATIONS
[Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 setState (state : boolean) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 showTechnicalRequests () : list<TechnicalRequest> Public

[Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 storedRequest (idRequest : int , request : String , idUser : int , date : Date , state : boolean) : boolean Private

[Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TechnicalRequestView

Class in package 'Class Diagram'

TechnicalRequestView
Version 1.0 Phase 1.0 Proposed
alonso created on 18/05/2018. Last modified 18/05/2018

ASSOCIATIONS

✏️ Association (direction: Unspecified)

Source: Public (Class) TechnicalRequestView	Target: Public (Class) RequestManager

OPERATIONS

🔶 clickSendRequest (request : String) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 display (message : String) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

User

Class in package 'Class Diagram'

User
Version 1.0 Phase 1.0 Proposed
alonso created on 18/05/2018. Last modified 18/05/2018

ATTRIBUTES

🔷 active : boolean Private

[Is static False. Containment is Not Specified.]

ATTRIBUTES

🔷 chartType : int Private

[Is static False. Containment is Not Specified.]

🔷 color : int Private

[Is static False. Containment is Not Specified.]

🔷 email : String Private

[Is static False. Containment is Not Specified.]

🔷 email2 : String Private

[Is static False. Containment is Not Specified.]

🔷 font : int Private

[Is static False. Containment is Not Specified.]

🔷 idUser : int Private

[Is static False. Containment is Not Specified.]

🔷 name : String Private

[Is static False. Containment is Not Specified.]

🔷 password : String Private

[Is static False. Containment is Not Specified.]

🔷 phoneNumber : String Private

[Is static False. Containment is Not Specified.]

ASSOCIATIONS

✏️ Association (direction: Unspecified)

Source: Public (Class) User	Target: Public (Class) TechnicalRequest
Cardinality: [1]	Cardinality: [0..*]

✏️ Association (direction: Unspecified)

Source: Public (Class) CategoryIncome	Target: Public (Class) User
Cardinality: [0..*]	Cardinality: [1]

✏️ Association (direction: Unspecified)

Source: Public (Class) CategoryExpense	Target: Public (Class) User
Cardinality: [0..*]	Cardinality: [1]

ASSOCIATIONS

✏️ Association (direction: Unspecified)

Source: Public (Class) Income   Target: Public (Class) User
    Cardinality: [0..*]   Cardinality: [1]

✏️ Association (direction: Unspecified)

Source: Public (Class) Expense   Target: Public (Class) User
    Cardinality: [0..*]   Cardinality: [1]

✏️ Association (direction: Unspecified)

Source: Public (Class) UserManager   Target: Public (Class) User

OPERATIONS

🔶 getChartType () : int Public
    [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 getUserState () : boolean Public
    [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 saveUser (name : String , email : String , password : String , email2 : String , phoneNumber : String) : void Public
    [Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 searchUserEmail (email : String) : User Public
    [Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 searchUserEmailPassword (email : String , password : String) : User Public
    [Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 searchUsersName (name : String) : list<User> Public
    [Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 setChartPeriodicity (periodicity : int) : void Public
    [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 setChartType (type : int) : void Public
    [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 setColor (color : int) : void Public
    [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

🔶 setFont (font : int) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 setUserState (state : boolean) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 setUserState (idUser : int , state : boolean) : void Public

[Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 updateNewUser (name : String , email : String , password : String , email2 : String , phoneNumber : String) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 validateEmail (email : String) : boolean Private

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 validatePassword (password : String) : boolean Private

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

🔶 validateUser (email : String , password : String) : boolean Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

UserManager

Class in package 'Class Diagram'

UserManager
Version 1.0 Phase 1.0 Proposed
alonso created on 18/05/2018. Last modified 18/05/2018

ASSOCIATIONS

✏️ Association (direction: Unspecified)

Source: Public (Class) UserManager   Target: Public (Class) Administrator

✏️ Association (direction: Unspecified)

Source: Public (Class) UserManager   Target: Public (Class) User

✏️ Association (direction: Unspecified)

Source: Public (Class) SignUpView   Target: Public (Class) UserManager

ASSOCIATIONS

   ✏️ Association (direction: Unspecified)

Source: Public (Class) LoginView   Target: Public (Class) UserManager

   ✏️ Association (direction: Unspecified)

Source: Public (Class) SearchUserView   Target: Public (Class) UserManager

   ✏️ Association (direction: Unspecified)

Source: Public (Class) OverviewView   Target: Public (Class) UserManager

   ✏️ Association (direction: Unspecified)

Source: Public (Class) ModifyProfileView   Target: Public (Class) UserManager

OPERATIONS

   🔶 changeChartPeriodicity (periodicity : int , idUser : int) : void Public
          [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

   🔶 changeChartType (type : int , idUser : int) : void Public
          [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

   🔶 changeColor (idUser : int , color : int) : void Public
          [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

   🔶 changeFont (idUser : int , font : int) : void Public
          [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

   🔶 deleteUser (idUser : int) : boolean Public
          [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

   🔶 getChartType (idUser : int) : int Public
          [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

   🔶 getDataForChart (idUser : int) : void Public
          [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

   🔶 getUserAccount (email : String , password : String) : Account Public
          [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

   🔶 login (email : String , password : String) : void Public
          [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

logOut () : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

newUserData (name : String , email : String , password : String , email2 : String , phoneNumber : String) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

redirectLoginView () : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

searchUserEmail (email : String) : User Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

searchUsersName (name : String) : list<User> Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

sendMessageToEmail (email : String) : void Public

[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]