UML for GUI: RegularUser Main Menu

RegularUserMainMenuGUI

- rootPanel: JPanel
- accountInformationButton: JButton - tradingInformationButton: JButton
- notificationButton: JButton
- meetingInformationButton: JButton
- $searching Information Button: \ JButton$ logoutButton: JButton
- communityInformationButton: JButton
- + RegularUserMainMenuGUI(guest: boolean, sm: SystemMessage,
- guiD: GUIDemo, amc: RegularUserAccountMenuController tc: RegularUserThresholdController, username: String , um:
- UserManager , menuPartOfAlert: String,
- thresholdValues: ArravList<Integer>) launchCommunityMenu(amc: RegularUserAccountMenuController,
- guiD: GUIDemo, sm: SystemMessage): void $launch Searching Menu (amc: Regular User Account Menu Controller \ , \\$
- guiD: GUIDemo, sm: SystemMessage): void launchMeetingMenu(amc: RegularUserAccountMenuController, guiD:
- GUIDemo , sm: SystemMessage): void
- launchTradingMenu(amc: RegularUserAccountMenuController, guiD GUIDemo, sm: SystemMessage): void
- launchAccountMenu(guiD: GUIDemo): void
- seeNotification(guest: boolean, guiD: GUIDemo, sm: SystemMessage, um: UserManager, tc:
- RegularUserThresholdController, username: String, menuPartOfAlert:
- String, thresholdValues: ArrayList<Integer>): void + run(guest: boolean, sm: SystemMessage , guiD: GUIDemo, amc:
- RegularUserAccountMenuController
- tc: RegularUserThresholdController, username: String, um: UserManager , menuPartOfAlert: String,
- thresholdValues: ArrayList<Integer>): void

UML for GUI: RegularUser Account Information Menu

RegularUserAccountMenuGUI

- rootPanel: JPanel manageltemButton: JButton
- accountSettingButton: JButton
- followOthersItemsButton: JButton
- + RegularUserAccountMainMenuGUI(isGuest: boolean, sm: SystemMessage, guiD: GUIDemo, amc: RegularUserAccountMenuController)
- followOthers(isGuest: boolean, guiD: GUIDemo, sm: SystemMessage): void
- accountSettings(isGuest: boolean, guiD: GUIDemo, sm:
- SystemMessage): void manageItems(amc: RegularUserAccountMenuController, guiD:
- GUIDemo, sm: SystemMessage): void
- + run(isGuest: boolean, sm: SystemMessage, guiD: GUIDemo, amc: RegularUserAccountMenuController): void

UML for GUI: RegularUser Account Information Submenus

RegularUserManageItemsMenuGUI

- rootPanel:JPanel
- browseAllTradableButton:JButton
- add To Wish List Button: J Button
- removeFromWishListButton:JButton
- removeFromInventorvButton:JButton requestItemButton:JButton
- mostRecentThreeItemsTradedButton:JButton
- viewWishListInventoryButton:JButton changeTradableStatusForItemButton:JButton
- getSuggestionForItemToLendButton:JButton
- backButton:JButton
- RegularUserManageItemsMenuGUI(isGuest: boolean,
- guiDemo:GUIDemo, amc: RegularUserAccountMenuController, sm:SystemMessage, idChecker:RegularUserIDChecker,
- otherInfoChecker: RegularUserOtherInfoChecker)
- run(isGuest: boolean, guiDemo:GUIDemo, amc:
- RegularUserAccountMenuController, sm:SystemMessage idChecker:RegularUserIDChecker, otherInfoChecker:
- RegularUserOtherInfoChecker): void printObjects(items: ArrayList<Item>, sm: SystemMessage, guiDemo:
- getTradableId(sm: SystemMessage, tradable: ArrayList<Item>, nonTradable: ArrayList
 String

 - changeTradableStatus(isGuest: boolean, guiDemo: GUIDemo, sm:
- SystemMessage, amc: RegularUserAccountMenuController, idChecker: RegularUserIDChecker): void
- viewWishlistInventory(isGuest: boolean, quiDemo: GUIDemo, sm: SystemMessage, amc: RegularUserAccountMenuController): void removeFromInventory(isGuest: boolean, guiDemo: GUIDemo, sm: SystemMessage, amc: RegularUserAccountMenuController, idChecker:
- RegularUserIDChecker): void remove From Wish list (is Guest: boolean, gui Demo: GUIDemo, sm:SystemMessage, amc: RegularUserAccountMenuController, idChecker:
- RegularUserIDChecker): void addToWishlist(isGuest: boolean, guiDemo: GUIDemo, sm: SystemMessage, amc: RegularUserAccountMenuController, idChecker: RegularUserIDChecker): void

- RegularUserAccountSettingsMenuGUI requestToUnfreezeAccountButton: JButton
- setYourOnVacationButton: JButton
- changeYourHomeCityButton: JButton
- backButton: JButtor
- reviewOwnRevocableActionButton: JButton
- requestUndoARevocableButton: JButton rootPanel: JPanel

RegularUserAccountSettingsMenuGUI(atc:

- RegularUserAccountMenuController, sm: SystemMessage idc: RegularUserIDChecker, guiD: GUIDemo, auIDC: AdminUserOtherInfoChecker) - requestUndoRevoActions(guiD: GUIDemo, idc: RegularUserIDChecker,
- auIDC: AdminUserOtherInfoChecker, atc: RegularUserAccountMenuController sm: SystemMessage): void reviewOwnRevoActions(atc: RegularUserAccountMenuController, sm:
- SystemMessage, guiD: GUIDemo): void
 changeHomeCity(atc: RegularUserAccountMenuController, guiD: GUIDemo,
- sm: SystemMessage): void setUserOnVacationStatus(atc: RegularUserAccountMenuController , sm:
- SystemMessage, guiD: GUIDemo): void
- requestUnfreeze(guiD: GUIDemo, sm: SystemMessage, atc: RegularUserAccountMenuController): void
- reviewOwnRevocableActions(RegularUserAccountMenuController atc,
- SystemMessage sm, GUIDemo guiD): void
- run atc: RegularUserAccountMenuController, sm: SystemMessage idc: RegularUserIDChecker, guiD: GUIDemo, auIDC: AdminUserOtherInfoChecker)

RegularUserFollowMenuGUI

- followAnUserButton: JButton
- followAnItemButton: JButton seeRecentStatusOfUsersButton: JButton
- seeRecentStatusOfItemsButton1: JButton
- backButton: JButton
- rootPanel: JPanel
- RegularUserFollowMenuGUI(quiD: GUIDemo. amc: RegularUserAccountMenuController, idChecker:
- RegularUserIDChecker, sm: SystemMessage)
- followAnItem(guiD: GUIDemo, idChecker: RegularUserIDChecker, sm: SystemMessage, amc: RegularUserAccountMenuController): void
- followAnUser(guiD: GUIDemo, idChecker: RegularUserIDChecker, sm: SystemMessage, amc: RegularUserAccountMenuController): void
- viewUpdates (sm: SystemMessage, updates: List<String>, type: String, guiDemo: GUIDemo): void
- + run(guiD: GUIDemo, amc: RegularUserAccountMenuController, idChecker: RegularUserIDChecker, sm: SystemMessage): void

RegularUserManageItemsRemoveWlstWindow

- textPane1:JTextPane
- cancelButton:JButton removeButton:JButtor
- userInput:JTextField rootPanel:JPanel
- + RegularUserManageItemsRemoveWlstWindow(items: ArrayList<Item>, string: String, guiDemo: GUIDemo, sm: SystemMessage, amc: RegularUserAccountMenuController,
- idChecker: RegularUserIDChecker) + run(items: ArrayList<Item>, string: String, guiDemo: GUIDemo,
- sm: SystemMessage, amc: RegularUserAccountMenuController, idChecker: RegularUserIDChecker): void removeFromWishlist(items: ArrayList<Item>, guiDemo:
- GUIDemo, sm: SystemMessage, amc: RegularUserAccountMenuController, idChecker: RegularUserIDChecker): void

RegularUserManageItemsRemoveInvtyWindow

- textPane1:JTextPane
- cancelButton:JButton
- removeButton:JButton
- userInput:JTextField rootPanel:JPanel
- RegularUserManageItemsRemoveInvtyWindow(items: ArrayList<ltem>, string: String, guiDemo: GUIDemo, sm: SystemMessage, amc: RegularUserAccountMenuController,
- idChecker: RegularUserIDChecker) + run(items: ArrayList<Item>, string: String, guiDemo
- GUIDemo, sm: SystemMessage, amc: RegularUserAccountMenuController. idChecker:
- RegularUserIDChecker): void removeFromInventory(items: ArrayList<Item>, guiDemo:
- GUIDemo, sm: SystemMessage, amc: RegularUserAccountMenuController, idChecker:
- RegularUserIDChecker): void

RegularUserManageItemsAddWlstWindow

- textPane1:JTextPane
- userInput:JTextField cancelButton:JButton
- addButton:JButton
- rootPanel:JPanel
- egularUserManageItemsAddWlstWindow(tradable: ArrayList<Item>, string: String, guiDemo: GUIDemo, sm: SystemMessage, amc: RegularUserAccountMenuController, idChecker: RegularUserIDChecker)
- run(tradable: ArrayList<Item>, string: String, guiDemo: GUIDemo, sm: SystemMessage, amc: RegularUserAccountMenuController, idChecker: RegularUserIDChecker)
- private void addToWishlist(tradable: ArrayList<Item>, guiDemo: GUIDemo, sm: SystemMessage, amc: RegularUserAccountMenuController, idChecker:
- RegularUserIDChecker)

ChangeYourHCWindow

- comboBox1: JComboBox cancelButton: JButton
- OKButton: JButton
- rootPanel: JPanel

+ ChangeYourHCWindow(atc: RegularUserAccountMenuController, guiDemo: GUIDemo, sm: SystemMessage) changeUserHCOk(quiDemo: GUIDemo, atc:

RegularUserAccountMenuController, sm: SystemMessage): void + run(atc: RegularUserAccountMenuController, guiDemo: GUIDemo, sm: SystemMessage)

RequestUndoARevocableActionWindow

- textField1: JTextField cancelButton: JButton
- OKButton: JButton
- rootPanel: .1Panel
- RequestUndoARevocableActionWindow(guiD: GUIDemo, idc: RegularUserIDChecker, auIDC: AdminUserOtherInfoChecker, atc: RegularUserAccountMenuController, sm: SystemMessage) undoRevoActionOk(idc: RegularUserIDChecker, auIDC: AdminUserOtherInfoChecker, atc: RegularUserAccountMenuController
- quiD: GUIDemo, sm: SystemMessage) : void run(guiD: GUIDemo, idc: RegularUserIDChecker, auIDC: AdminUserOtherInfoChecker, atc: RegularUserAccountMenuController, sm:

SystemMessage): void

FollowAnItemWindow

textField1: JTextField OKButton: JButton cancelButton: JButton

rootPanel: JPanel

- + FollowAnItemWindow(guiD: GUIDemo, idChecker: RegularUserIDChecker, sm: SystemMessage, amc: RegularUserAccountMenuController) followAnItemOk(idChecker: RegularUserIDChecker, guiD: GUIDemo
- sm: SystemMessage, amc: RegularUserAccountMenuController): void + run(quiD: GUIDemo, idChecker: RegularUserIDChecker, sm: SystemMessage, amc: RegularUserAccountMenuController): void

RegularUserManageItemsSuggestionWindow

- userInput:JTextField
- cancelButton:JButton getSuggestionButton:JButton
- rootPanel:JPanel
- + RegularUserManageItemsSuggestionWindow(guiDemo: GUIDemo, sm: SystemMessage, amc: RegularUserAccountMenuController, idChecker:
- RegularUserIDChecker) + run(guiDemo: GUIDemo, sm: SystemMessage, amc:
- RegularUserAccountMenuController, idChecker: RegularUserIDChecker): void
- getSuggestion(guiDemo: GUIDemo, sm: SystemMessage, amc:
- RegularUserAccountMenuController, idChecker: RegularUserIDChecker): void

RegularUserReguestItemWindow

- name:JTextField description:JTextArea
- category:JComboBox
- cancelButton:JButton addButton:JButton rootPanel:JPanel
- + RegularUserRequestItemWindow(guiDemo: GUIDemo, sm: SystemMessage, amc: RegularUserAccountMenuController,
- idChecker: RegularUserIDChecker) run(guiDemo: GUIDemo, sm: SystemMessage, amc:
- RegularUserAccountMenuController, idChecker: RegularUserIDChecker): void
- requestItem(guiDemo: GUIDemo, sm: SystemMessage, amc: RegularUserAccountMenuController, idChecker: RegularUserIDChecker): void

Regular User Manage I tems Tradable Status Window

- textPane1:JTextPane
- userInput:JTextField cancelButton:JButton
- setButton:JButton
- rootPanel:JPanel setToNONTRADABLERadioButton:JRadioButton setToTRADABLERadioButton:JRadioButton
- + RegularUserManageItemsTradableStatusWindow(inventory:
- ArrayList<Item>, string: String, guiDemo: GUIDemo, sm: System Message, amc: Regular User Account Menu Controller,
- idChecker: RegularUserIDChecker) + run(inventory: ArrayList<Item>, string: String, guiDemo:
- GUIDemo, sm: SystemMessage, amc: RegularUserAccountMenuController, idChecker
- RegularUserIDChecker): void changeTradableStatus(inventory: ArrayList<Item>, guiDemo:
- GUIDemo, sm: SystemMessage, amc: RegularUserAccountMenuController, idChecker RegularUserIDChecker): void

RegularUserAccountMenuController): void

- RequestToUnfreezeWindow
- textArea: JTextArea
- cancelButton: JButton okButton: JButton
- rootPanel: JPanel RequestToUnfreezeWindow(guiD: GUIDemo, sm:
- SystemMessage, atc: RegularUserAccountMenuController) requestUnfreezeOk(guiD: GUIDemo, sm: SystemMessage, atc: RegularUserAccountMenuController): void run(guiD: GUIDemo, sm: SystemMessage, atc:

- SetYourOnVacationStatusWindow
- comboBox1: JComboBox cancelButton: JButton
- OKButton: JButton
- SetYourOnVacationStatusWindow (atc: RegularUserAccountMenuController, sm: SystemMessage, guiD: GUIDemo)
- setOnVacationOk(atc: RegularUserAccountMenuController, guiD: GUIDemo quiD, sm: SystemMessage): void run(atc: RegularUserAccountMenuController, sm: SystemMessage guiD: GUIDemo): void

FollowAnUserWindow

- textField1: JTextField
- OKButton: JButton
- cancelButton: JButton
- FollowAnUserWindow(guiD: GUIDemo, idChecker: RegularUserIDChecker, sm: SystemMessage, amc: RegularUserAccountMenuController)
- GUIDemo, sm: SystemMessage, amc: RegularUserAccountMenuController): void + run(quiD: GUIDemo, idChecker: RegularUserIDChecker, sm: SystemMessage, amc: RegularUserAccountMenuController): void

- rootPanel: JPanel
- followAnUserOk(idChecker: RegularUserIDChecker, guiD: