# Tabs

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## 1.1 acceptDebt

From **src/ui/fragments/view/debt/DebtContainerComponent.tsx**

### 1.1.1 Description

Send request to the server to accept debt and handle as necessary

### 1.1.2 Parameters

| debtId | Id of debt |
|--------|------------|
| name | Name of author of debt |

## 1.2 ActiveDebtController

From **src/controllers/DebtController.ts**

### 1.2.1 Description

Debt UI Controller

### 1.2.2 Methods

*ActiveDebtController.removeDebt*

## 1.3 ActiveDebtController.removeDebt

From **src/controllers/DebtController.ts**

### 1.3.1 Description

Remove debt from ui

### 1.3.2 Parameters

| debtId | |
|--------|-----------|
| name | User Name |

## 1.4 ActiveDebtListComponent

From **src/ui/fragments/view/debt/ActiveDebtListComponent.tsx**

### 1.4.1 Description

Display the list of active debts

### 1.4.2 Parameters

| userId | User the requests are for |
|--------|---------------------------|

### 1.4.3 Returns

| React component |
|-----------------|

## 1.5 AddAppliancePopup

From **src/ui/pages/view/addAppliancePopup.tsx**

### 1.5.1 Description

### 1.5.2 Related

- appliancesPage to see where this component is used

### 1.5.3 Variable of

| None |
| --- |

### 1.5.4 Parameters

| show | takes in a boolean in order to define whether or not the popup should show |
| --- | --- |
| closePopup | takes in a void function that is used to close the popup |

### 1.5.5 Returns

| returns a popup that allows users to add an appliance |
| --- |

## 1.6 AddItemView

From **src/ui/pages/view/AddFoodItemView.tsx**

### 1.6.1 Description

### 1.6.2 Related

- inventoryView to see where this component is used

### 1.6.3 Variable of

| None |
| --- |

### 1.6.4 Parameters

| switchView-Function | takes a function that is used to return to main view |
| --- | --- |
| submitFunc-tion | takes a function that submits the form and passes the data to database |

### 1.6.5 Returns

| Form to add an item to a category previously chosen in main inventory view. |
|---|

## 1.7 AddRemoveButton

From **src/ui/pages/view/editCategoryPopup.tsx**

### 1.7.1 Description

### 1.7.2 Related

- editCategoryPopup to see where this component is used

### 1.7.3 Variable of

| None |
|---|

### 1.7.4 Parameters

| closePopup | takes in a void function that is used to close the popup |
|---|---|

### 1.7.5 Returns

| the two buttons used to either request money or send to |
|---|

## 1.8 AddRentPopUpComponent

From **src/ui/fragments/view/rent/AddRentPopUpComponent.tsx**

### 1.8.1 Description

### 1.8.2 Related

- RentAdminScreen.tsx where AddRentPopUpComponent is used

### 1.8.3 Variable of

| None |
| --- |

### 1.8.4 Parameters

| isAddingRent | a boolean for whether or not rent is being added |
| --- | --- |
| setIsAddin-gRent | a function to set isAddingRent to true/false |

### 1.8.5 Returns

| React component popup form for entering new roomate monthly rent amount |
| --- |

## 1.9 AddTaskAdminComponent

From **src/ui/fragments/view/tasks/AddTaskAdminView.tsx**

### 1.9.1 Description

### 1.9.2 Related

- ViewTasksAdminPage where RentListComponent is used

### 1.9.3 Variable of

| None |
| --- |

### 1.9.4 Parameters

| userId | id of current user |
| --- | --- |
| houseId | id of user's house |
| setViewPor-tId | function to swap which view parent renders |

### 1.9.5 Returns

> React component with a form for adding a task to any roommate as an admin

## 1.10 AddTaskComponent

From **src/ui/fragments/view/tasks/AddTaskView.tsx**

### 1.10.1 Description

### 1.10.2 Related

- ViewTasksAdminPage where RentListComponent is used

### 1.10.3 Variable of

> None

### 1.10.4 Parameters

| | |
|---|---|
| userId | id of current user |
| houseId | id of user's house |
| setViewPor-tId | function to swap which view parent renders |

### 1.10.5 Returns

> React component with a form for adding a task for current user

## 1.11 AddTaskPopup

From **src/ui/pages/view/addTaskPopup.tsx**

### 1.11.1 Description

### 1.11.2 Related

- ToDoListPage to see where this component is used

### 1.11.3 Variable of

| None |
| --- |

### 1.11.4 Parameters

| show | takes in a boolean in order to define whether or not the popup should show |
| --- | --- |
| closePopup | takes in a void function that is used to close the popup |

### 1.11.5 Returns

| returns a popup that allows users to add a task with optional subtasks |
| --- |

## 1.12 App

From **src/App.tsx**

### 1.12.1 Description

### 1.12.2 Returns

| Component containing entire application |
| --- |

## 1.13 DebtListComponent

From **src/ui/fragments/view/debt/DebtListComponent.tsx**

### 1.13.1 Description

### 1.13.2 Related

- RentScreen.tsx where DebtListComponent is used with example userId

### 1.13.3 Variable of

| None |
| --- |

### 1.13.4 Parameters

| userId | takes in id of current user logged in |
| --- | --- |

### 1.13.5 Returns

| React component with a list of debts owed by and to the current user |
| --- |

## 1.14 DebtPopup

From **src/ui/pages/view/debtPopup.tsx**

### 1.14.1 Description

### 1.14.2 Related

- RentScreen to see where this component is used

### 1.14.3 Variable of

| None |
| --- |

### 1.14.4 Parameters

| show | takes in a boolean in order to define whether or not the popup should show |
| --- | --- |
| closePopup | takes in a void function that is used to close the popup |

### 1.14.5 Returns

returns a popup that allows users to request or send debts to one another

## 1.15 DebtRequestListComponent

From **src/ui/fragments/view/debt/DebtRequestListComponent.tsx**

### 1.15.1 Description

Display the list of debt requests

### 1.15.2 Parameters

| userId | User the requests are for |
|--------|----------------------------|

### 1.15.3 Returns

React component

## 1.16 DebtRequestsView

From **src/ui/pages/view/ViewAppliancesView.tsx**

### 1.16.1 Description

Debt requests page view

### 1.16.2 Returns

React component

# 1.17 DebtScreenView

From **src/ui/pages/view/DebtScreenView.tsx**

### 1.17.1 Description

Debts list page view

### 1.17.2 Returns

React component

# 1.18 editCategoryPopup

From **src/ui/pages/view/editCategoryPopup.tsx**

### 1.18.1 Description

### 1.18.2 Parameters

| | |
|---|---|
| categoryId | the category we are editing |
| show | takes in a boolean in order to define whether or not the popup should show |
| closePopup | takes in a void function that is used to close the popup |

### 1.18.3 Returns

returns a popup that allows users to request or send debts to one another

# 1.19 FloatingActionButton

From **src/ui/fragments/view/common/FloatingActionButton.tsx**

### 1.19.1 Description

A floating button.

### 1.19.2 Parameters

| myFunction | Callback function when pressed |
| --- | --- |

### 1.19.3 Returns

| React element |
| --- |

## 1.20 FolderBackdropActionButton

From **src/ui/fragments/view/common/FolderBackdropActionButton.tsx**

### 1.20.1 Description

Button styled for a folder backdrop

### 1.20.2 Parameters

| info | Title of the button |
| --- | --- |
| buttonFunc-tion | Callback function |
| argument | Argument to pass into callback function |

## 1.21 FolderBackdropListFragment

From **src/ui/fragments/view/common/FolderBackdropFragment.tsx**

### 1.21.1 Description

Backdrop container styled to look like a folder

### 1.21.2 Parameters

| props | Fragment configuration |
| --- | --- |

### 1.21.3 Returns

| React element for the function |
| --- |

## 1.22 FolderBackdropTextInputField

From **src/ui/fragments/view/common/FolderBackdropTextInputField.tsx**

### 1.22.1 Description

Text field styled for a folder backdrop.

### 1.22.2 Parameters

| info | Hint and title of the text field |
| --- | --- |
| backRefFunc-tion | Callback function when textfield is edited |

### 1.22.3 Returns

| Text field React element |
| --- |

## 1.23 FolderBackdropTextInputFieldArgument

From **src/ui/fragments/view/common/FolderBackdropTextInputField.tsx**

### 1.23.1 Description

### 1.23.2 Fields

| title | Title of the text field |
| --- | --- |
| hint | Hint for the text field |

## 1.24 FullInvView

From **src/ui/pages/view/inventoryView.tsx**

### 1.24.1 Description

### 1.24.2 Returns

Component holding the entire inventory page. Swaps between different sections depending on actions taken.

## 1.25 FullViewTasksAdminPage

From **src/ui/pages/view/ViewTasksAdminPage.tsx**

### 1.25.1 Description

### 1.25.2 Returns

Component holding the entire view tasks admin page. Swaps between different sections depending on actions taken.

## 1.26 FullViewTasksPage

From **src/ui/pages/view/ViewTasksPage.tsx**

### 1.26.1 Description

### 1.26.2 Returns

Component holding the entire view tasks page. Swaps between different sections depending on actions taken.

## 1.27 IndividualProfilePageView

From **src/ui/pages/view/IndividualProfilePageView.tsx**

### 1.27.1 Description

Show user info

### 1.27.2 Returns

React component

## 1.28 InvView

From **src/ui/pages/view/inventoryView.tsx**

### 1.28.1 Description

### 1.28.2 Parameters

| switchView-Function | takes a function that allows the parent view to swap this view with the add item view |
|---|---|
| inventoryId | takes a string representing the id of the current inventory |
| setAddItem-Function | takes a state reference function that allows the parent view to pass in the submit function for adding a new item |
| userId | takes a string representing the user's Id in order to pass it into relevant queries |

### 1.28.3 Returns

Component to display every portion of the inventory view besides the add item form

## 1.29 ItemDataChosen

From **src/ui/pages/view/inventoryView.tsx**

### 1.29.1 Description

### 1.29.2 Parameters

| item | takes an inventory item that holds the data to be displayed |
|---|---|

### 1.29.3 Returns

> Component to display text within item detail view

## 1.30 LoginPage

From **src/ui/pages/view/loginPage.tsx**

### 1.30.1 Description

### 1.30.2 Returns

> a login form with two text inputs, username and password. Also includes a button to navigate to signup and a login button

## 1.31 MyTabs

From **src/App.tsx**

### 1.31.1 Description

### 1.31.2 Returns

> Component to display and navigate between the home page, calendar page (not implemented yet) and notifications page (not implemented yet)

## 1.32 OweComponent

From **src/ui/fragments/view/debt/OweComponent.tsx**

### 1.32.1 Description

### 1.32.2 Related

- RentListComponent.tsx where OweComponent is used

### 1.32.3 Variable of

| None |
| --- |

### 1.32.4 Parameters

| from | takes in id of current user logged in |
| --- | --- |
| amount | takes in amount owed to or by the user |
| whoOwes | takes in whether or not the current user owes or is owed each debt |

### 1.32.5 Returns

| React component that is a single debt container |
| --- |

## 1.33 rejectDebt

From **src/ui/fragments/view/debt/DebtContainerComponent.tsx**

### 1.33.1 Description

Send request to the server to reject debt and handle as necessary

### 1.33.2 Parameters

| debtId | Id of debt |
| --- | --- |
| name | Name of author of debt |

## 1.34 RentAdmin

From **src/ui/pages/view/RentAdminScreen.tsx**

### 1.34.1 Description

### 1.34.2 Returns

| React component of list of monthly rents for each roommate |
| --- |

## 1.35 RentListComponent

From **src/ui/fragments/view/rent/RentListComponent.tsx**

### 1.35.1 Description

### 1.35.2 Related

- RentAdminScreen.tsx where RentListComponent is used

### 1.35.3 Variable of

| None |
|------|

### 1.35.4 Parameters

| houseId | id of current house |
|---------|---------------------|
| isUpdatin-gRent | a boolean for whether or not rent is being updated |
| setIsUpdatin-gRent | a function to set isUpdatingRent to true/false |

### 1.35.5 Returns

| React component with a list of rents for each roommate |
|---|

## 1.36 RentScreen

From **src/ui/pages/view/RentScreen.tsx**

### 1.36.1 Description

### 1.36.2 Returns

| React component of list of debts related to current user and ther upcoming monthly rent and due date |
|---|

# 1.37 RequestDebtController

From **src/controllers/DebtController.ts**

## 1.37.1 Description

Debt UI Controller

## 1.37.2 Methods

| |
|---|
| *RequestDebtController.acceptDebt* |
| *RequestDebtController.rejectDebt* |

# 1.38 RequestDebtController.acceptDebt

From **src/controllers/DebtController.ts**

## 1.38.1 Description

Send request to the server to accept debt and handle as necessary

## 1.38.2 Parameters

| debtId | Id of debt |
|---|---|
| name | Name of author of debt |

# 1.39 RequestDebtController.rejectDebt

From **src/controllers/DebtController.ts**

## 1.39.1 Description

Send request to the server to reject debt and handle as necessary

## 1.39.2 Parameters

| debtId | Id of debt |
|--------|------------|
| name | Name of author of debt |

# 1.40 TaskListComponent

From **src/ui/fragments/view/tasks/TaskListComponent.tsx**

## 1.40.1 Description

## 1.40.2 Related

- RentAdminScreen.tsx where RentListComponent is used

## 1.40.3 Variable of

| None |
|------|

## 1.40.4 Parameters

| userId | id of current user |
|--------|--------------------|
| isUpdating-Tasks | a boolean for whether or not tasks are being updated |
| setIsUpdat-ingTasks | a function to set isUpdatingTasks to true/false |

## 1.40.5 Returns

| React component with a list of rents for each roommate |
|---|

# 1.41 UpcomingRentComponent

From **src/ui/fragments/view/rent/UpcomingRentComponent.tsx**

### 1.41.1 Description

### 1.41.2 Related

- RentScreen.tsx where UpcomingRentComponent is used

### 1.41.3 Variable of

> None

### 1.41.4 Parameters

| houseId | takes in house id of current user logged in |
|---------|---------------------------------------------|
| userId  | takes in user id of current user logged in  |

### 1.41.5 Returns

> React component with the upcoming monthly rent for the user and its duedate

## 1.42 UpdateRentPopUpComponent

From **src/ui/fragments/view/rent/UpdateRentPopUpComponent.tsx**

### 1.42.1 Description

### 1.42.2 Related

- RentAdminScreen.tsx where UpdateRentPopUpComponent is used

### 1.42.3 Variable of

> None

### 1.42.4 Parameters

| isUpdatingRent | a boolean for whether or not rent is being updated |
|----------------|----------------------------------------------------|
| setIsUpdatingRent | a function to set isUpdatingRent to true/false |

## 1.42.5 Returns

| React component popup form for entering new monthly rent amount |
| --- |

# 1.43 ViewAppliancesPageItem

From **src/ui/fragments/view/appliances/ViewAppliancesPageItem.tsx**

## 1.43.1 Description

Displays the appliance item

## 1.43.2 Parameters

| applianceId | |
| --- | --- |
| userId | |
| name | |
| type | |
| scheduled | |

## 1.43.3 Returns

| React element |
| --- |

# 1.44 ViewAppliancesPageList

From **src/ui/fragments/view/appliances/ViewAppliancesPageList.tsx**

## 1.44.1 Description

Display the list of inventory items

## 1.44.2 Parameters

| userId | User ID of the current user |
| --- | --- |

## 1.45 ViewApplicationPageExtraInfo

From **src/ui/fragments/view/appliances/ViewAppliancesPageItem.tsx**

### 1.45.1 Description

Displays the scheduled times for the given appliance

### 1.45.2 Parameters

| | |
|---|---|
| scheduled | List of scheduled times |

### 1.45.3 Returns

| |
|---|
| React element |

## 1.46 ViewTasksPage

From **src/ui/pages/view/ViewTasksPage.tsx**

### 1.46.1 Description

### 1.46.2 Parameters

| | |
|---|---|
| userId | id of current user |
| houseId | id of user's house |
| setViewPortId | function to swap which view parent renders |

### 1.46.3 Returns

| |
|---|
| Component to display every roommate's current taks, both completed and in progress. |