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| Use Case: Login |
| **Primary Actor:** User |
| **Main Success Scenario:**   1. User opens the app. 2. User enters the passcode 3. User successfully login, and go to flow screen. |
| **Extensions:**  2a. User clicks cross button   1. System delete one num. 2. Return to step 2   2b. User clicks reset button   1. System delete all num. 2. Go to reset passcode case   4a. User enter a wrong passcode   1. System clean up all entered passcode, and show Wrong Passcode on the screen. 2. Return to step 2 |
| **Preconditions:** Open application |

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| Use Case: Reset Passcode |
| **Primary Actor:** User |
| **Main Success Scenario:**   1. User opens the app. 2. User clicks reset passcode 3. User enters old passcode 4. User enter new passcode 5. User re-enter new passcode 6. Passcode reset successfully |
| **Extensions:**  3a. User enters a wrong passcode   1. System clean up all entered passcode, and show Wrong Passcode on the screen. 2. Return to step 3   3b. User clicks back button   1. Go to login scenario   5a. User enters a different new passcode   1. System clean up all entered passcode, and show Different Passcode on the screen. 2. Return to step 4 |
| **Precondition:** Open application |

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| Use Case: Change screen use bottom bar |
| **Primary Actor:** User |
| **Main Success Scenario:**   1. User clicks button on the bottom bar 2. System display corresponding screen |
| **Precondition:** Login successfully |

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| Use Case: Add a new account |
| **Primary Actor:** User |
| **Main Success Scenario:**   1. User clicks on asset button on the bottom bar 2. User clicks on add account button 3. User goes to select account type screen and select one account type 4. User goes to input account balance screen 5. User clicks on keypad to input balance 6. User clicks on submit, a new account will be added successfully |
| **Extensions:**  3a. User clicks on back button   1. Go back to asset screen   4a. User clicks on back button   1. Go back to select account type screen |
| **Precondition:** Login successfully |

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| Use Case: View Statistic data and chart |
| **Primary Actor:** User |
| **Main Success Scenario:**  1. User clicks on chart menu at the bottom of app.  2. User clicks on expense tab at the top of chart screen, user will see the current month expense pie chart and list.  3. User clicks on income tab at the top of chart screen, user will see the current month income pie chart and list.  4. User clicks on monthly tab at the top of chart screen, user will see the current year income/expense/balance line chart and list. |
| **Precondition:** Login successfully and has record for current month/year |

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| **Use Case:** Add expense record |
| **Primary Actor:** User |
| **Main Success Scenario:**   1. User clicks on add record button on the bottom bar 2. User selects a expense type by click on corresponding icon 3. User clicks on account type 4. System shows account list 5. User clicks on a account 6. Go back to add record screen showing newly selected account. 7. User clicks on keypad to input the expense amount 8. User clicks on submit, a new expense record will be added successfully |
| **Extensions:**  2a. User clicks on cancel button   1. Go back to flow screen   5a. User clicks outside account list area   1. Go back to add record screen, returns to step 7. |
| **Precondition:** Login successfully |

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| Use Case: View Flows Use Drag |
| **Primary Actor:** User |
| **Main Success Scenario:**  1. User click on the screen  2. Hold the click and move the mouse up and down  3. User will see all flows in current month with total incomes/expenses showed at the beginning of each day’s flow |
| **Preconditions:** Login successfully |