NAME: Add a New Bank Account
SUMMARY: The User adds a bank account to their tracker
VERSION: 1.0
PRECONDITIONS:
1. System displays existing accounts and payment trackers.
2. System displays the images associated with the accounts and payment trackers.
3. System displays account balances
4. System displays payment tracker balances
5. System displays the add account/payment tracker icon.
6. System displays the delete account/payment tracker icon.

TRIGGERS: User selects the add account/payment tracker icon.
MAIN SUCCESS SCENERIO:
1. System displays drop down menu with option one "Select Tracker Type".
2. System displays "Name Account/Tracker" with a text box and "required" next to it.
3. User selects drop down menu
4. System displays "Checking Account"
5. System displays "Savings Account"
6. System displays drop down menu item "Checking Account"
7. System displays drop down menu item "Savings Account"
8. System displays drop down menu item "Auto Loan"
9. System displays drop down menu item "Student Loans"
10. System displays drop down menu item "Credit Card"
11. User Selects "Checking Account",
12. System displays "Account Balance" next to a box with "required" next to it.
13. System displays "Minimum Balance" next to a box with "optional" next to it.
14. System displays "Add Account" button.
15. User enters numbers into account balance box.
16. User presses "Add Account"

ALTENRATIVE SUCCESS SCENARIOS:
2) User does not enter a name in the name account/tracker box.
   a) System displays "Name Account/Tracker" with a text box and "required" next to it.
   b) System displays a warning message "Please name your account or payment tracker".
   c) System displays selected dropdown item.
   d) System displays "Account Balance" next to a box with "required" next to it with data from before
   e) System displays "Minimum Balance" next to a box with "optional" next to it with data from before
   f) System displays "Add Account" button.
   g) User enters a name for the account/tracker.
   h) User presses "Add Account"
11) User selects "Savings Account"
   a) System displays "Name Account/Track" next to a box with "required" next to it with data from before
   b) System displays "Account Balance" next to a box with "required" next to it.
   c) System displays "Minimum Balance" next to a box with "optional" next to it.

d) System displays "Add Account" button.

e) User enters numbers into account balance.

f) User presses "Add Account".

15) User does not enter a number into the Account Balance Box

a) User presses "Add Account"

b) System displays "Name Account/Track" next to a box with "required" next to it with data from before

c) System displays selected dropdown item.

d) System displays "Account Balance" next to a box with "required" next to it.

e) System displays red text underneath account balance saying "Please enter a value greater than or equal to zero using numbers, commas, and Periods."

g) System displays "Minimum Balance" next to a box with "optional" next to it.

h) System displays "Add Account" button.

i) User enters numbers into account balance box.

j) User presses "Add Account"

16.a) User does not enter a the correct input type into the Minimum Balance Box

a) User presses "Add Account"

b) System displays "Name Account/Track" next to a box with "required" next to it with data from before

c) System displays selected dropdown item.

d) System displays "Account Balance" with the user entered numbers.

e) System displays "Minimum Balance" next to a box with Optional next to it.

f) System displays red text underneath minimum balance saying "Please enter a value greater than or equal to zero using numbers, commas, and period.

g) System displays "Add Account" button.

h) User enters correct numbers into minimum balance box.

i) User presses "Add Account"

16.b) User enters numbers into minimum balance box.

a) User enters numbers into account balance box.

b) User presses "Add Account"

POSTCONDITIONS: 1. System displays account information bar at the top of the screen.

2. System displays current account amount.

3. System displays minimum account balance (or zero if no amount was added).

4. System displays back to accounts button.

BUSINESSRULES: 1. Checking account starting balances cannot be less than zero.

2. Savings account starting balances cannot be less than zero.

3. Numbers need to be entered in starting balances, no letters or Symbols, exceptions include periods and commas.

NOTES: This use case only applies to bank accounts of checking and savings, there are other use cases for other account types.

AUTHOR: Robert Collins

DATE: 27 September 2016

NAME: Add a New Auto Loan Payment Tracker
SUMMARY: The User adds a bank account to their tracker
VERSION: 1.0
PRECONDITIONS: 1. System displays existing accounts and payment trackers.
2. System displays the images associated with the accounts and payment trackers.
3. System displays account balances
4. System displays payment tracker balances
5. System displays the add account/payment tracker icon.
6. System displays the delete account/payment tracker icon.
TRIGGERS: User selects the add account/payment tracker icon.
MAIN SUCCESS SCENERIO:

1. System displays drop down menu with option one "Select Tracker Type".
2. System displays "Name Account/Tracker" with a text box and "required" next to it.
3. User selects drop down menu
4. System displays "Checking Account"
5. System displays "Savings Account"
6. System displays drop down menu item "Checking Account"
7. System displays drop down menu item "Savings Account"
8. System displays drop down menu item "Auto Loan"
9. System displays drop down menu item "Student Loans"
10. System displays drop down menu item "Credit Card"
11. User Selects "Auto Loan".
12. System displays "Amount Loaned" next to a box with "required" next to it.
13. System displays "Loan Period" next to a box with "required" next to it.
14. System displays "Monthly Interest Rate" next to a box with "required" next to it.
15. System displays "Minimum Payment" next to a box with "optional" next to it.
16. System displays "Add Tracker" button.
17. User enters tracker name in the associated text box.
18. User enters numbers into amount loaned box.
19. User enters numbers into the loan period box.
20. User enters numbers into monthly interest rate box.
21. User presses "Add Tracker"

ALTENRATIVE SUCCESS SCENARIOS:
21.a) User does not enter a name in the name account/tracker box.
a. System displays "Amount Loaned" next to a box with "required" next to it with associated data.
b. System displays "Name Account/Tracker" with a text box and "required".
c. System displays red highlighted text "Please enter a name"
d. System displays "Loan Period" next to a box with "required" next to it. Data from previous entry is still there
e. System displays "Monthly Interest Rate" next to a box with

"required" next to it. Data from previous entry is still there

f. System displays "Minimum Payment" next to a box with "optional" next to it.

g. System displays "Add Tracker" button.

h. User corrects any mistakes in tracker.

i. User presses "Add Tracker"

22.b) User enters incorrect data into amount loaned

a. System displays "Amount Loaned" next to a box with "required" next to it.

b. System displays "Name Account/Tracker" with a text box and "required" next to it with associated data.

c. System displays red highlighted text "Please enter a value greater than or equal to zero using numbers, commas, and periods.

d. System displays "Loan Period" next to a box with "required" next to it. Data from previous entry is still there

e. System displays "Monthly Interest Rate" next to a box with "required" next to it. Data from previous entry is still there

f. System displays "Minimum Payment" next to a box with "optional" next to it.

g. System displays "Add Tracker" button.

h. User corrects any mistakes in tracker.

i. User presses "Add Tracker"

22.c) User enters incorrect data into loan period

a. System displays "Amount Loaned" next to a box with "required" next to it with associated data.

b. System displays "Name Account/Tracker" with a text box and "required" next to it with associated data.

c. System displays "Loan Period" next to a box with "required" next to it. Data from previous entry is still there

d. System displays red highlighted text "Please enter a value greater than or equal to zero using numbers, commas, and periods.

e. System displays "Monthly Interest Rate" next to a box with "required" next to it. Data from previous entry is still there

f. System displays "Minimum Payment" next to a box with "optional" next to it.

g. System displays "Add Tracker" button.

h. User corrects any mistakes in tracker.

i. User presses "Add Tracker"

22.d) User enters incorrect data into monthly interest box

a. System displays "Amount Loaned" next to a box with "required" next to it with associated data.

b. System displays "Name Account/Tracker" with a text box and "required" next to it with associated data.

c. System displays "Loan Period" next to a box with "required" next to it. Data from previous entry is still there

d. System displays "Monthly Interest Rate" next to a box with "required" next to it. Data from previous entry is still there

e. System displays red highlighted text "Please enter a value greater than or equal to zero using numbers, commas, and periods.

f. System displays "Minimum Payment" next to a box with "optional" next to it.

g. System displays "Add Tracker" button.

h. User corrects any mistakes in tracker.

i. User presses "Add Tracker"

22.e) User enters incorrect data into minimum payment box

a. System displays "Amount Loaned" next to a box with "required" next to it with associated data.

b. System displays "Name Account/Tracker" with a text box and "required" next to it with associated data.

c. System displays "Loan Period" next to a box with "required" next to it. Data from previous entry is still there

d. System displays "Monthly Interest Rate" next to a box with "required" next to it. Data from previous entry is still there

E. System displays "Minimum Payment" next to a box with "optional" next to it.

f. System displays red highlighted text "Please enter a value greater than or equal to zero using numbers, commas, and periods.

g. System displays "Add Tracker" button.

h. User corrects any mistakes in tracker.

i. User presses "Add Tracker"

POSTCONDITIONS: 1. System displays account information bar at the top of the screen.

2. System displays current owed amount.

3. System displays monthly interest rate.

4. System displays minimum payment amount.

5. System displays loan period.

6. System displays back to accounts button.

7. System displays add payment button.

BUSINESSRULES: 1. Any required field cannot be less than or equal to zero.

2. Numbers need to be entered in starting balances, no letters or Symbols, exceptions include periods and commas.

NOTES: "Student Loan" tracker acts similarly, however the fields are "Tracker Name" as a required field, "Amount Owed" as a required field, "Monthly Interest" as an optional field, and "First Payment Due" field as optional.

Student Loan tracker displays the aforementioned fields instead of the auto loan fields.

Checking and Saving Account type trackers have their own use case.

AUTHOR: Robert Collins

DATE: 27 Sept. 2016