Initial Class Diagram

User

-username
-password

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Customer

-name
-account
- - - - - - - - - - - - - - - -
-login()
-add_funds()
-withdraw_funds()
-transfer_funds()
-view_log()

Admin

- - - - - - - - - - - - - - - -
-create_customer()
-assign_account()
-view_system_logs()
-list_all_info()
-suspend_account()

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has

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ClassName

-acct_num
-type
-balance
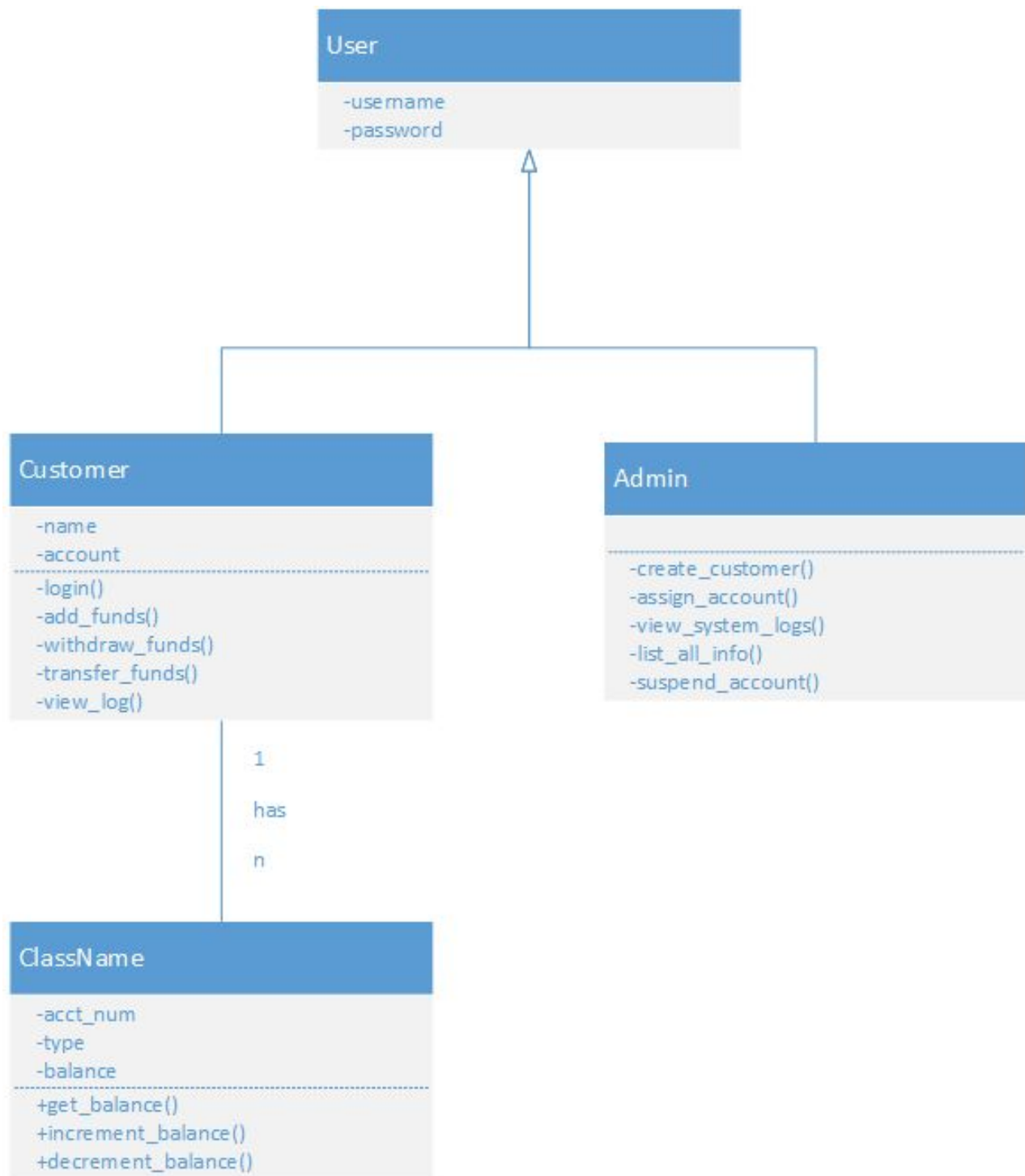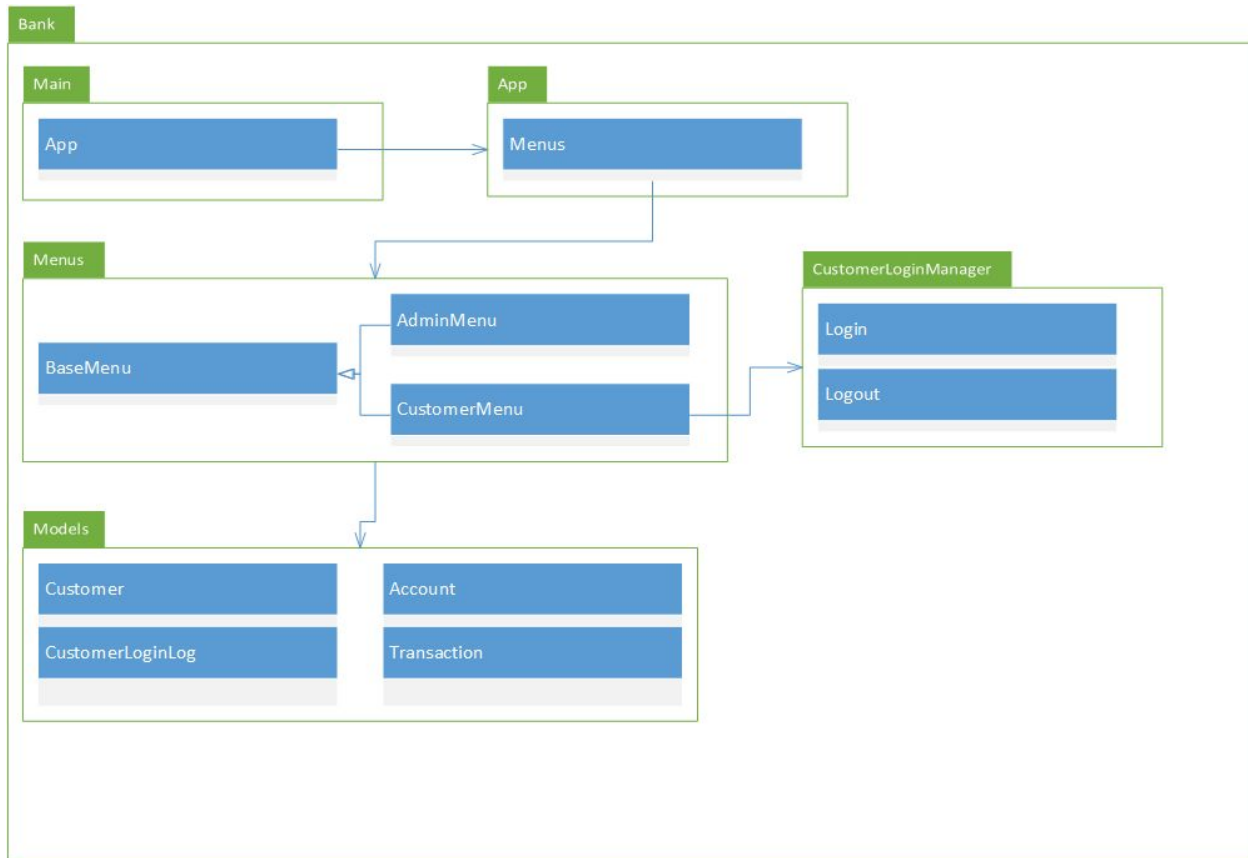- - - - - - - - - - - - - - - -
+get_balance()
+increment_balance()
+decrement_balance()

**ClassName was supposed to be Account

Final Class Diagram

Most of the original design was moved into the models package. We no longer inherit customer from user, and the admin class is now an interface. Most everything in the final diagram was new. We completely reworked the relationships of the system. The implemented code has very little structure that is similar to the initial diagram.