Bank

+Name
+Branch
+Type

+Deposite()
+withdraw()
+Transfer()

---

card_reader

+card_number

+accept_card()
+reject_card()
+read_card()

ATM Screen

+resoluation

+input()
+shows_output()

<<exception>>
Not Detected

<<exception>>
Not Visible

Customer{branch:any}

+name
+age

+enter_card()
-enter_pin()
-withdraw_money()
#trnasfer_money()
-change_money()

1..*   1   1

Account

+Account_number
+pin
+Balance

+withdraw_funds()
+Deposite_funds()
+Open_account()
+view_balance()

Cash Despenser

+balance

+provide_cash()
+provide_recepit()

Child{Age between 7-18}

+name
-pin

+enter_card()
-enter_pin()
-withdraw_mpney()
-take_receipt()

Adult{Age between 18-100 years}

+name
-card_pin

+enter_card()
-enter_pin()
#transfer_money()
-withdraw_money()
-take_receipt()

Class Diagram for ATM System