```
c_q5_70 ATM_recoit_pin_user c_q5_71
        c_q5_80 DB_demande_retrait c_q5_81
        c_q7_172 ATM_recoit_pin_user c_q7_173
       c_q3_16 ____ATM_transfer_pin_user

ATM_transfer_pin_user c_q3_93

c_q5_92
      c_q5_96 ATM_transfer_pin_user

ATM_transfer_pin_user

c_q6_126
        c_q6_138 ATM_demande_retrait c_q6_139
        c_q5_72 ATM_transfer_pin_user c_q5_73
        c_{q11}0 \longrightarrow DB_{check\_id} \longrightarrow c_{q11}1
        c_q3_30 ATM_obtient_montant c_q3_31
     c_q14_200 DB_check_id c_q14_201
       c_{q5_{76}} \longrightarrow DB_{check\_id} \longrightarrow c_{q5_{77}}
       c_q7_182 ATM_demande_retrait c_q7_183
        c_q5_64 ATM_demande_id c_q5_65
        c_q6_136 DB_demande_retrait c_q6_137
       c_q7_184 ATM_obtient_montant c_q7_185
        c_q7_174 ATM_traite_reponse_pin c_q7_175
        c_q7_180 \qquad \qquad DB_demande_retrait \qquad \blacktriangleright c_q7_181
        c_q5_84 ATM_obtient_montant c_q5_85
        c_q6_150 \qquad \qquad ATM\_transfer\_pin\_user \qquad \blacktriangleright \qquad c_q5_151
        c_q5_82 ATM_demande_retrait c_q5_83
       c_q6_140 ATM_obtient_montant c_q6_141
       c_{q3\_24} \qquad DB\_operation\_not\_done \\ DB\_traitement\_ok \qquad c_{q3\_35} \qquad ATM\_signal\_connexion \qquad c_{q3\_5}
c_{q3\_32} \qquad ATM\_traite\_retrait \qquad c_{q3\_34}
        c_q5_74 ATM_traite_reponse_pin c_q5_75
        c_q3_20 ATM_traite_reponse_pin c_q3_21
        c_q3_28 ATM_demande_retrait c_q3_29
       ATM_demande_id

c_q6_160

ATM_demande_id
                              ATM_demande_id c_q11_157

ATM_demande_id
        ATM_demande_id

c_q3_58

ATM_demande_id

c_q13_159

ATM_demande_id

ATM_demande_id
                             ATM_demande_id
                           ATM_demande_id c_q14
        c_q3_52

DB_operation_not_done
DB_traitement_ok

c_q11_55
c_q7_186

ATM_traite_retrait

c_q7_188

DB_traitement_ok

DB_operation_not_done

c_q7_189

ATM_signal_connexion

c_q7_168

ATM_operation_vide

c_q7_169
    C_q6_142

ATM_traite_retrait

C_q6_144

DB_traitement_ok

DB_operation_not_done

C_q6_145

ATM_signal_connexion

C_q6_115

ATM_demande_id
      ATM_demande_id

c_q6_152

ATM_demande_id

c_q5_149

ATM_demande_id

c_q6_119

ATM_demande_id

ATM_demande_id

c_q7_153

ATM_demande_id
        c_{q5}_{98} = ATM_{demande_{id}} c_{q3}_{91}
ATM_{demande_{id}} c_{q6}_{95}
   c_q5_86

ATM_traite_retrait

c_q5_88

DB_traitement_ok

DB_operation_not_done

c_q5_89

ATM_signal_connexion

c_q5_61
      c_q7_176 \longrightarrow DB_check_id \longrightarrow c_q7_177
       c_q5_66 CARD_reponse_id c_q5_67
        c_{q6}_{120} \xrightarrow{CARD\_reponse\_id} c_{q6}_{121}
        c_q5_68 ATM_demande_pin_user c_q5_69
       c_q7_190 ATM_traite_reponse_pin c_q3_191
     c_q5_106 ____ CARD_failed_pin
    C_q5_108

DB_operation_not_done
DB_traitement_ok

C_q13_198

ATM_signal_connexion

C_q5_199

ATM_operation_vide

C_q5_63
        c_q6_130 ATM_traite_reponse_pin c_q6_131
        c_q6_124 ATM_recoit_pin_user c_q6_125
        c_q6_146 ATM_demande_id c_q3_147
                                                                                                                                                                                                                                                                                                          ATM\_recoit\_pin\_user
C=q5\_218
ATM\_traite\_reponse\_id
C=q5\_218
CARD\_reponse\_id
C=q5\_220
CARD\_traite\_pin\_user
C=q5\_230
CARD\_trai
                        ATM signal connexion c q3 6 ATM operation vide c q3 8 ATM demande id c q3 10 ATM transfer pin user c q3 204 ATM transfer pin user c q3 205 ATM demande id c q3 206 ATM demande id c q3 206 ATM transfer pin user c q3 207 ATM transfer pin user c q3 208 ATM transfer pin user c q3 208
```

c_q3_26 DB_demande_retrait c_q3_27

 c_q6_122 ATM_demande_pin_user c_q6_123