Logs:
Pybuilder Logs:
(.venv) lucaspedemonte@Lucass-MBP-202 G87.2025.T08.EG2 % pyb
PyBuilder version 0.13.13
Build started at 2025-03-25 20:59:37

[INFO] Building G8X.2025.TYY.GE2 version 1.0.dev0
[INFO] Executing build in /Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2
[INFO] Going to execute task publish
[INFO] Processing plugin packages 'coverage>=6.0' to be installed with {'upgrade': True}
[INFO] Processing plugin packages 'unittest-xml-reporting>=3.0.4' to be installed with {'upgrade': True}
[INFO] Creating target 'build' VEnv in '/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/target/venv/build/cpython-3.12.3.final.0'
[INFO] Creating target 'test' VEnv in '/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/target/venv/test/cpython-3.12.3.final.0'
[INFO] Requested coverage for tasks: pybuilder.plugins.python.unittest_plugin:run_unit_tests
[INFO] Running unit tests
[INFO] Executing unit tests from Python modules in /Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python
IBAN not found in transactions file
Transactions file not found
IBAN not found in transactions file
Error decoding JSON file
Invalid IBAN format
Testing transfer amount above maximum...
Exception raised: Invalid amount: Must be between 10.00 and 10000.00
Testing transfer amount below minimum...
Exception raised: Invalid amount: Must be between 10.00 and 10000.00
Testing concept with max valid length (30 chars)..
Received result: d89ad5a6a3778d017058f7ab123b589f
Testing concept with min valid length (10 chars)...
Received result: b22543b178c51001c3d34c02ca430ff0
Testing concept with 9 characters (invalid)...
Exception raised: Invalid concept: Must be 10-30 characters and contain at least two words
Testing invalid future transfer date...
Exception raised: Invalid year: Must be between 2025 and 2050
Testing invalid IBAN (wrong country code)...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid IBAN format...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid IBAN (length 23 characters)...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid past transfer date...
Exception raised: Invalid year: Must be between 2025 and 2050

Testing invalid transfer type...
Exception raised: Invalid transfer type: Must be 'ORDINARY', 'URGENT', or 'IMMEDIATE'
Testing maximum valid transfer amount...
Received result: 0adccec7c523ecaa295164c6d2df1691
Testing minimum valid transfer amount...
Received result: 3766c289a9c3235f7da034a0863e3e98
Testing short transfer concept...
Exception raised: Invalid concept: Must be 10-30 characters and contain at least two words
Testing transfer amount above maximum...
Exception raised: Invalid date: Cannot be in the past
Testing transfer with different valid types...
Received result: 6b4923672df7e7c4326a0ae839eb1c43
Testing transfer on first valid date (25/03/2025)...
Received result: 01e561876c6345a9cd8ea94575b98f51
Testing transfer on last valid date (31/12/2050)...
Received result: 4352ebf00cd9c7d6576c22a249fd7458
Testing valid IBANs with different banks...
Received result: fad34902c6d61d2081f0b58332976346
Testing valid IBANs with the same bank...
Received result: 8a8b2984bdacb9cfbd3e7210da61d781
Testing valid transfer request...
Received result: 9835a2dd4843eccd55ab8baa4230409e

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp1c0jpl1i/deposit_duplicate_alg_key.json
AccountManagementException: Duplicate alg key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp1zryr5w9/deposit_duplicate_alg_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_txch35k/deposit_duplicate_amount_key.json
AccountManagementException: Duplicate amount key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp907qinjb/deposit_duplicate_amount_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp8ju61oin/deposit_duplicate_data.json
AccountManagementException: Duplicate alg key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp0i359rqd/deposit_duplicate_deposit_date_key.json
AccountManagementException: Duplicate deposit_date key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp1z0iium0/deposit_duplicate_deposit_date_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpbg120w6k/deposit_duplicate_end_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmplbmex1c0/deposit_duplicate_field_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp3elb_4o_/deposit_duplicate_field_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp91hliq_0/deposit_duplicate_field_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp8dws_j9n/deposit_duplicate_field_separator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpsku_qevw/deposit_duplicate_iban_key.json
AccountManagementException: Duplicate iban key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpwo4admbg/deposit_duplicate_iban_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp0edob176/deposit_duplicate_key_separator1.json

AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp90lurfj3/deposit_duplicate_key_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpdo05zv82/deposit_duplicate_key_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpsthydtdh/deposit_duplicate_key_separator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpka1gixtr/deposit_duplicate_key_separator5.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpk41hzznb/deposit_duplicate_separator.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmphj2vvzvc/deposit_duplicate_start_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpt0dd0xnw/deposit_duplicate_typ_key.json
AccountManagementException: Duplicate typ key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp4ek_ijxw/deposit_duplicate_typ_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpk1xvruw8/deposit_empty_data.json
AccountManagementException: Empty JSON data

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp0fqgwl9f/deposit_invalid_amount_value.json
AccountManagementException: Invalid amount format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp5pirfdz9/deposit_invalid_deposit_date_value.json
AccountManagementException: Invalid deposit_date format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpdquir2t9/deposit_invalid_iban_value.json
AccountManagementException: Invalid IBAN format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp5a3lfenj/deposit_missing_alg_key.json
AccountManagementException: Missing required keys: alg

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpenuy25rl/deposit_missing_alg_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmptn4pg2ba/deposit_missing_amount_key.json
AccountManagementException: Missing required keys: amount

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp3n_3rh6p/deposit_missing_amount_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmphqxjj4qz/deposit_missing_deposit_date_key.json
AccountManagementException: Missing required keys: deposit_date

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmprvris7k5/deposit_missing_deposit_date_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpwbcv7nko/deposit_missing_end_brace.json

AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmphcxw6xy3/deposit_missing_field_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_os5y_2p/deposit_missing_field_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpdrsj_41x/deposit_missing_field_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp1exwvnlk/deposit_missing_field_separator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp75efb13y/deposit_missing_iban_key.json
AccountManagementException: Missing required keys: iban

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpyf40uar7/deposit_missing_iban_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpjwbza7l9/deposit_missing_key_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp3xfywe_k/deposit_missing_key_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_k8bh3sn/deposit_missing_key_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp237zer68/deposit_missing_key_separator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpim1is3ze/deposit_missing_key_separator5.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpbyc5fe4r/deposit_missing_separator.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_2mk52m0/deposit_missing_start_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpyf_xt_3d/deposit_missing_typ_key.json
AccountManagementException: Missing required keys: typ

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmppgq6h2aa/deposit_missing_typ_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpo36716ej/deposit_modified_alg_key.json
AccountManagementException: Missing required keys: alg

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp6nnomsnx/deposit_modified_alg_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp7ikmu_se/deposit_modified_amount_key.json
AccountManagementException: Missing required keys: amount

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpw8tan29v/deposit_modified_deposit_date_key.json

AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp9iy17756/deposit_modified_iban_key.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpf521q6oi/deposit_modified_typ_key.json
AccountManagementException: Missing required keys: typ

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp53e9mt73/deposit_modified_typ_value.json
AccountManagementException: Invalid alg or typ value

Running test_valid_deposit
Generated Signature:
60b78b63ecbe5bbb2df224d5264ab7b594525bce23a48eb6e012e04af97044fd
[INFO] Executed 88 unit tests
[INFO] All unit tests passed.
[INFO] Building distribution in
/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/target/dist/G8X.2025.TYY.GE2-1.0.dev0
[INFO] Copying scripts to
/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/target/dist/G8X.2025.TYY.GE2-1.0.dev0/scripts
[INFO] Collecting coverage information for
'pybuilder.plugins.python.unittest_plugin:run_unit_tests'
[WARN] ut_coverage_branch_threshold_warn is 0 and branch coverage will not be checked
[WARN] ut_coverage_branch_partial_threshold_warn is 0 and partial branch coverage will not be checked
[INFO] Running unit tests
[INFO] Executing unit tests from Python modules in
/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python
IBAN not found in transactions file
Transactions file not found
IBAN not found in transactions file
Error decoding JSON file
Invalid IBAN format
Testing transfer amount above maximum...
Exception raised: Invalid amount: Must be between 10.00 and 10000.00
Testing transfer amount below minimum...
Exception raised: Invalid amount: Must be between 10.00 and 10000.00
Testing concept with max valid length (30 chars)..
Received result: fd80c10fff4a7c5b6a8626fb34e2b44e
Testing concept with min valid length (10 chars)...

Received result: 12abfe4f4514d8d4012d630b859ab7fc
Testing concept with 9 characters (invalid)...
Exception raised: Invalid concept: Must be 10-30 characters and contain at least two words
Testing invalid future transfer date...
Exception raised: Invalid year: Must be between 2025 and 2050
Testing invalid IBAN (wrong country code)...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid IBAN format...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid IBAN (length 23 characters)...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid past transfer date...
Exception raised: Invalid year: Must be between 2025 and 2050
Testing invalid transfer type...
Exception raised: Invalid transfer type: Must be 'ORDINARY', 'URGENT', or 'IMMEDIATE'
Testing maximum valid transfer amount...
Received result: d65bcef1b746222ca12cfbb45ab86a52
Testing minimum valid transfer amount...
Received result: dcf3c8fcd45e875c1a211a27fe5adc74
Testing short transfer concept...
Exception raised: Invalid concept: Must be 10-30 characters and contain at least two words
Testing transfer amount above maximum...
Exception raised: Invalid date: Cannot be in the past
Testing transfer with different valid types...
Received result: e1bcdf095427d63761b023e2980c0f45
Testing transfer on first valid date (25/03/2025)...
Received result: fe6f6192dfd3a4a4a1494cd0ecec96f4
Testing transfer on last valid date (31/12/2050)...
Received result: 8af0ac78a0f5c8e5dff9cc87d0341119
Testing valid IBANs with different banks...
Received result: 22104deca093584d8c897e1e274b419e
Testing valid IBANs with the same bank...
Received result: 44a09d17c5fb0fb9ec91874e9a7474e3
Testing valid transfer request...
Received result: cd73ff39756bb770068d80419d8ac19f

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpecfis5av/deposit_duplicate_alg_key.json
AccountManagementException: Duplicate alg key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpqjvjh8zd/deposit_duplicate_alg_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpv40wyv4p/deposit_duplicate_amount_key.json
AccountManagementException: Duplicate amount key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmprwl0qxxa/deposit_duplicate_amount_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_h_v32fu/deposit_duplicate_data.json
AccountManagementException: Duplicate alg key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_rq6wlg6/deposit_duplicate_deposit_date_key.json
AccountManagementException: Duplicate deposit_date key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpiykl2zb1/deposit_duplicate_deposit_date_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp5yo55qb7/deposit_duplicate_end_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmprfgxhs3i/deposit_duplicate_field_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp0t5fl_yo/deposit_duplicate_field_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmplljrku_3/deposit_duplicate_field_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpb5zxg8_n/deposit_duplicate_field_separator4.json

AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp0jybg_d8/deposit_duplicate_iban_key.json
AccountManagementException: Duplicate iban key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp6_dfoee0/deposit_duplicate_iban_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp14b805fk/deposit_duplicate_key_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmparyyn7zx/deposit_duplicate_key_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp86kywako/deposit_duplicate_key_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpb8u6p1t6/deposit_duplicate_key_separator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpffaz0cq2/deposit_duplicate_key_separator5.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpvzxrriqo/deposit_duplicate_separator.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpu246uahr/deposit_duplicate_start_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpytapq_k3/deposit_duplicate_typ_key.json
AccountManagementException: Duplicate typ key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp7qm_pxol/deposit_duplicate_typ_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpj10txa9h/deposit_empty_data.json
AccountManagementException: Empty JSON data

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpo_p3ag5v/deposit_invalid_amount_value.json
AccountManagementException: Invalid amount format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpxh6rlj51/deposit_invalid_deposit_date_value.json
AccountManagementException: Invalid deposit_date format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpyxoef40w/deposit_invalid_iban_value.json
AccountManagementException: Invalid IBAN format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpr6cgl7y1/deposit_missing_alg_key.json
AccountManagementException: Missing required keys: alg

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp2ndrkyd1/deposit_missing_alg_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp498nkt1u/deposit_missing_amount_key.json
AccountManagementException: Missing required keys: amount

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp1mv53dxp/deposit_missing_amount_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpg4_aqko8/deposit_missing_deposit
_date_key.json
AccountManagementException: Missing required keys: deposit_date

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpn0qpacmu/deposit_missing_deposi
t_date_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpvzgoovpo/deposit_missing_end_br
ace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp457zgjki/deposit_missing_field_sep
arator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp4unue3b3/deposit_missing_field_s
eparator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpjh_h23w1/deposit_missing_field_s
eparator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpq1w1zjqc/deposit_missing_field_se
parator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp6p6jx4cy/deposit_missing_iban_ke
y.json
AccountManagementException: Missing required keys: iban

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpt2x7bdyw/deposit_missing_iban_v
alue.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp2lambogp/deposit_missing_key_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp8wi0cfqy/deposit_missing_key_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpj9pn0pvj/deposit_missing_key_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp4lvop7qp/deposit_missing_key_separator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp6npq6leo/deposit_missing_key_separator5.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp5199jrzx/deposit_missing_separator.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpfw7ga7ke/deposit_missing_start_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp0k8g4wtc/deposit_missing_typ_key.json
AccountManagementException: Missing required keys: typ

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpi2sfcv10/deposit_missing_typ_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpqgt7ebp9/deposit_modified_alg_key.json

AccountManagementException: Missing required keys: alg

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpftuuv3pt/deposit_modified_alg_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpc1cm9kh7/deposit_modified_amount_key.json
AccountManagementException: Missing required keys: amount

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpj0_3l83k/deposit_modified_deposit_date_key.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpbdemcd1j/deposit_modified_iban_key.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpzk8ghnqi/deposit_modified_typ_key.json
AccountManagementException: Missing required keys: typ

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp6c05vavg/deposit_modified_typ_value.json
AccountManagementException: Invalid alg or typ value

Running test_valid_deposit
Generated Signature:
213051e21c2b9a46811674b4c24186d491fcbf03a9cbc91ce70de8313a8ed3b6
[INFO] Executed 88 unit tests
[INFO] All unit tests passed.
[WARN] Test coverage below 70% for uc3m_money.calculate_balance: 0%
[INFO] Overall pybuilder.plugins.python.unittest_plugin.run_unit_tests coverage is 79%
[INFO] Overall pybuilder.plugins.python.unittest_plugin.run_unit_tests branch coverage is 70%
[INFO] Overall pybuilder.plugins.python.unittest_plugin.run_unit_tests partial branch coverage is 92%
[WARN] Test coverage below 70% for uc3m_money.calculate_balance: 0%
[INFO] Overall G8X.2025.TYY.GE2 coverage is 79%
[INFO] Overall G8X.2025.TYY.GE2 branch coverage is 70%
[INFO] Overall G8X.2025.TYY.GE2 partial branch coverage is 92%

BUILD FAILED - Test coverage for at least one module is below 70% (pybuilder/plugins/python/coverage_plugin.py:157)

Build finished at 2025-03-25 20:59:42

Build took 4 seconds (4292 ms)

(.venv) lucaspedemonte@Lucass-MBP-202 G87.2025.T08.EG2 % pyb

PyBuilder version 0.13.13

Build started at 2025-03-25 21:00:28

[INFO] Building G8X.2025.TYY.GE2 version 1.0.dev0

[INFO] Executing build in /Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2

[INFO] Going to execute task publish

[INFO] Processing plugin packages 'coverage>=6.0' to be installed with {'upgrade': True}

[INFO] Processing plugin packages 'unittest-xml-reporting>=3.0.4' to be installed with {'upgrade': True}

[INFO] Creating target 'build' VEnv in '/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/target/venv/build/cpython-3.12.3.final.0'

[INFO] Creating target 'test' VEnv in '/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/target/venv/test/cpython-3.12.3.final.0'

[INFO] Requested coverage for tasks: pybuilder.plugins.python.unittest_plugin:run_unit_tests

[INFO] Running unit tests

[INFO] Executing unit tests from Python modules in /Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python

IBAN not found in transactions file

Transactions file not found

IBAN not found in transactions file

Error decoding JSON file

Invalid IBAN format

Testing transfer amount above maximum...

Exception raised: Invalid amount: Must be between 10.00 and 10000.00

Testing transfer amount below minimum...

Exception raised: Invalid amount: Must be between 10.00 and 10000.00

Testing concept with max valid length (30 chars)..

Received result: b74ccc9afbb135be5a87765cbc052747

Testing concept with min valid length (10 chars)...

Received result: 76cb8775df65b933cac195040bb25067

Testing concept with 9 characters (invalid)...

Exception raised: Invalid concept: Must be 10-30 characters and contain at least two words

Testing invalid future transfer date...

Exception raised: Invalid year: Must be between 2025 and 2050

Testing invalid IBAN (wrong country code)...

Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits

Testing invalid IBAN format...

Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits

Testing invalid IBAN (length 23 characters)...

Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits

Testing invalid past transfer date...

Exception raised: Invalid year: Must be between 2025 and 2050

Testing invalid transfer type...

Exception raised: Invalid transfer type: Must be 'ORDINARY', 'URGENT', or 'IMMEDIATE'

Testing maximum valid transfer amount...

Received result: df6bb164c0e9467d09d80e9ab0d245f0

Testing minimum valid transfer amount...

Received result: 710b32371acbbf5e3d3173bafd486b79

Testing short transfer concept...

Exception raised: Invalid concept: Must be 10-30 characters and contain at least two words

Testing transfer amount above maximum...

Exception raised: Invalid date: Cannot be in the past

Testing transfer with different valid types...

Received result: b9b13842d75105fcbe1a6862433f7f8e

Testing transfer on first valid date (25/03/2025)...

Received result: 9083fd42d4313acd82aeba5c1b7859c0

Testing transfer on last valid date (31/12/2050)...

Received result: 912176f560be4eea2828c77e2c97eb64

Testing valid IBANs with different banks...

Received result: 2d1e68f93b22c2d258cb3031b0ea134d

Testing valid IBANs with the same bank...

Received result: 57332ec7955320d1aea3750fbc839702

Testing valid transfer request...

Received result: 69b761be3de4d1961fb3468061a6620d

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpec84lstc/deposit_duplicate_alg_key.json
AccountManagementException: Duplicate alg key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp2hqz_22g/deposit_duplicate_alg_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpi1snxmtg/deposit_duplicate_amount_key.json
AccountManagementException: Duplicate amount key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpoatj1hqk/deposit_duplicate_amount_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpcz0f2n49/deposit_duplicate_data.json
AccountManagementException: Duplicate alg key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpqq2bc__u/deposit_duplicate_deposit_date_key.json
AccountManagementException: Duplicate deposit_date key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmph8y2xajq/deposit_duplicate_deposit_date_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpmpemjicf/deposit_duplicate_end_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpwqxab46q/deposit_duplicate_field_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpu4m3q4hf/deposit_duplicate_field_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp2_6vcmqn/deposit_duplicate_field_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmplna_b00d/deposit_duplicate_field_separator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpt43ipb_l/deposit_duplicate_iban_key.json
AccountManagementException: Duplicate iban key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpj1__4uuf/deposit_duplicate_iban_value.json

AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpgeooeman/deposit_duplicate_key_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpvc4yy8c2/deposit_duplicate_key_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpljh4348y/deposit_duplicate_key_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpuslckaq7/deposit_duplicate_key_separator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpvsyn9u_h/deposit_duplicate_key_separator5.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp1sij8z71/deposit_duplicate_separator.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpwk8lpz6y/deposit_duplicate_start_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpjqbqghfs/deposit_duplicate_typ_key.json
AccountManagementException: Duplicate typ key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp6sxcb8e5/deposit_duplicate_typ_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp7tvhmuq_/deposit_empty_data.json
AccountManagementException: Empty JSON data

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmps9uib953/deposit_invalid_amount_value.json
AccountManagementException: Invalid amount format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpq204ez4d/deposit_invalid_deposit_date_value.json
AccountManagementException: Invalid deposit_date format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpyk3kscrz/deposit_invalid_iban_value.json
AccountManagementException: Invalid IBAN format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp5jjtozae/deposit_missing_alg_key.json
AccountManagementException: Missing required keys: alg

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp8ykcmo6r/deposit_missing_alg_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpi2s06w8i/deposit_missing_amount_key.json
AccountManagementException: Missing required keys: amount

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpiuenucud/deposit_missing_amount_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpv8hgi5tl/deposit_missing_deposit_date_key.json
AccountManagementException: Missing required keys: deposit_date

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp5zaxqt8u/deposit_missing_deposit_date_value.json

AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpc5zc55fl/deposit_missing_end_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpmunm9itf/deposit_missing_field_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp9mvfa8ei/deposit_missing_field_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpgim47s_8/deposit_missing_field_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp5p0ceaiv/deposit_missing_field_separator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmplyzq9yi8/deposit_missing_iban_key.json
AccountManagementException: Missing required keys: iban

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpzv27g42p/deposit_missing_iban_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpuid2petd/deposit_missing_key_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpsdn68590/deposit_missing_key_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp36yaw4ph/deposit_missing_key_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpkg1ylr1y/deposit_missing_key_separator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpfuebvpze/deposit_missing_key_separator5.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpjw7mzxr6/deposit_missing_separator.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmps5eanhli/deposit_missing_start_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp2arcvnzx/deposit_missing_typ_key.json
AccountManagementException: Missing required keys: typ

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmphx27yglc/deposit_missing_typ_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpsivciuqg/deposit_modified_alg_key.json
AccountManagementException: Missing required keys: alg

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpwlt5rbf3/deposit_modified_alg_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpum4su3ht/deposit_modified_amount_key.json

AccountManagementException: Missing required keys: amount

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpib3bw4op/deposit_modified_deposit_date_key.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_4477plq/deposit_modified_iban_key.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp9fjjxxak/deposit_modified_typ_key.json
AccountManagementException: Missing required keys: typ

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmphxyxfv5t/deposit_modified_typ_value.json
AccountManagementException: Invalid alg or typ value

Running test_valid_deposit
Generated Signature:
4f4903be8b07061745f5ba9f407302108e7e1b53607c1a31642418108ebf06d7
[INFO] Executed 88 unit tests
[INFO] All unit tests passed.
[INFO] Building distribution in
/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/target/dist/G8X.2025.TYY.GE2-1.0.dev0
[INFO] Copying scripts to
/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/target/dist/G8X.2025.TYY.GE2-1.0.dev0/scripts
[INFO] Collecting coverage information for
'pybuilder.plugins.python.unittest_plugin:run_unit_tests'
[WARN] ut_coverage_branch_threshold_warn is 0 and branch coverage will not be checked
[WARN] ut_coverage_branch_partial_threshold_warn is 0 and partial branch coverage will not be checked
[INFO] Running unit tests
[INFO] Executing unit tests from Python modules in
/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python
IBAN not found in transactions file
Transactions file not found
IBAN not found in transactions file
Error decoding JSON file
Invalid IBAN format
Testing transfer amount above maximum...
Exception raised: Invalid amount: Must be between 10.00 and 10000.00

Testing transfer amount below minimum...
Exception raised: Invalid amount: Must be between 10.00 and 10000.00
Testing concept with max valid length (30 chars)..
Received result: 03794ed5e25d3d8bca24610b791d601c
Testing concept with min valid length (10 chars)...
Received result: 7b7363d664b88e71984376c9dd660d64
Testing concept with 9 characters (invalid)...
Exception raised: Invalid concept: Must be 10-30 characters and contain at least two words
Testing invalid future transfer date...
Exception raised: Invalid year: Must be between 2025 and 2050
Testing invalid IBAN (wrong country code)...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid IBAN format...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid IBAN (length 23 characters)...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid past transfer date...
Exception raised: Invalid year: Must be between 2025 and 2050
Testing invalid transfer type...
Exception raised: Invalid transfer type: Must be 'ORDINARY', 'URGENT', or 'IMMEDIATE'
Testing maximum valid transfer amount...
Received result: a89861825118b9c0f01390cd7de58f5b
Testing minimum valid transfer amount...
Received result: e4980cffe7fa642f56c1e0eadd57c390
Testing short transfer concept...
Exception raised: Invalid concept: Must be 10-30 characters and contain at least two words
Testing transfer amount above maximum...
Exception raised: Invalid date: Cannot be in the past
Testing transfer with different valid types...
Received result: 5a58a4e55505e43d4daf3be84a84700c
Testing transfer on first valid date (25/03/2025)...
Received result: bcd60b110e425abb65a5a1065c5e8cc7
Testing transfer on last valid date (31/12/2050)...
Received result: 9d7750cd2ca5a877b8fc861bcaeda7de
Testing valid IBANs with different banks...
Received result: 76a85a38c93aa78bd7d1c7271bf72822
Testing valid IBANs with the same bank...
Received result: 820b7bd5bb7534eb6ab253e98f6571a6
Testing valid transfer request...
Received result: 5c82b43790fb1cb75e80f9cea5612a55

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpz7jbrt5b/deposit_duplicate_alg_key
.json
AccountManagementException: Duplicate alg key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpex0a2fdg/deposit_duplicate_alg_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp7kv29_64/deposit_duplicate_amount_key.json
AccountManagementException: Duplicate amount key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpovo0mqpg/deposit_duplicate_amount_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp4xx1_1_n/deposit_duplicate_data.json
AccountManagementException: Duplicate alg key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmplbh6es_7/deposit_duplicate_deposit_date_key.json
AccountManagementException: Duplicate deposit_date key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpjom0tlc4/deposit_duplicate_deposit_date_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp60cuv34z/deposit_duplicate_end_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp2cdqsbfw/deposit_duplicate_field_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpififancs/deposit_duplicate_field_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp920kq5cy/deposit_duplicate_field_separator3.json

AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpt3538i1j/deposit_duplicate_field_separator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpsjrxacok/deposit_duplicate_iban_key.json
AccountManagementException: Duplicate iban key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpvcw_mznn/deposit_duplicate_iban_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpqtkl4dxd/deposit_duplicate_key_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp2k0slfo3/deposit_duplicate_key_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp06tmnzuk/deposit_duplicate_key_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp138liq_s/deposit_duplicate_key_separator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpbkh7m8wo/deposit_duplicate_key_separator5.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpajcx1ibj/deposit_duplicate_separator.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpz6wck58n/deposit_duplicate_start_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp8u5tk7me/deposit_duplicate_typ_key.json
AccountManagementException: Duplicate typ key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_3_m75ku/deposit_duplicate_typ_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpbq9ef9vh/deposit_empty_data.json
AccountManagementException: Empty JSON data

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp6ssa6a3q/deposit_invalid_amount_value.json
AccountManagementException: Invalid amount format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpdyzijtzs/deposit_invalid_deposit_date_value.json
AccountManagementException: Invalid deposit_date format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpxlyd2avh/deposit_invalid_iban_value.json
AccountManagementException: Invalid IBAN format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpryv1by68/deposit_missing_alg_key.json
AccountManagementException: Missing required keys: alg

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp0enjxoqp/deposit_missing_alg_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpiq704xe4/deposit_missing_amount_key.json
AccountManagementException: Missing required keys: amount

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp9_j6edcd/deposit_missing_amount
_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpzdf7x1o1/deposit_missing_deposit
_date_key.json
AccountManagementException: Missing required keys: deposit_date

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp7bke9_um/deposit_missing_deposi
t_date_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp9lewknem/deposit_missing_end_br
ace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp42yahxpd/deposit_missing_field_s
eparator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpi8k_qv9v/deposit_missing_field_se
parator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpm9aigbhh/deposit_missing_field_s
eparator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmppxh0mjki/deposit_missing_field_se
parator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpa61ee111/deposit_missing_iban_k
ey.json
AccountManagementException: Missing required keys: iban

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp5whnt3gj/deposit_missing_iban_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmptprqvysy/deposit_missing_key_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpx55_muxm/deposit_missing_key_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpgtm11jek/deposit_missing_key_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpbrpucluf/deposit_missing_key_separator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpwwc6fdwg/deposit_missing_key_separator5.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp6jci5djt/deposit_missing_separator.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpu8mrhhmy/deposit_missing_start_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpbrqbdii3/deposit_missing_typ_key.json
AccountManagementException: Missing required keys: typ

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpg0ywdqyl/deposit_missing_typ_value.json

AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpztmujj3l/deposit_modified_alg_key.json
AccountManagementException: Missing required keys: alg

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp1v3f4mfg/deposit_modified_alg_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpjbdy17hm/deposit_modified_amount_key.json
AccountManagementException: Missing required keys: amount

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpzz2w6ssq/deposit_modified_deposit_date_key.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmppowsi34c/deposit_modified_iban_key.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmplft4l4km/deposit_modified_typ_key.json
AccountManagementException: Missing required keys: typ

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpsbz01xah/deposit_modified_typ_value.json
AccountManagementException: Invalid alg or typ value

Running test_valid_deposit
Generated Signature:
a9d270c45057a9e6798a8f386d376bb764b9cb358d9fa8d546e60eec1aa30f0c
[INFO] Executed 88 unit tests
[INFO] All unit tests passed.
[WARN] Test coverage below 70% for uc3m_money.calculate_balance: 0%
[INFO] Overall pybuilder.plugins.python.unittest_plugin.run_unit_tests coverage is 79%
[INFO] Overall pybuilder.plugins.python.unittest_plugin.run_unit_tests branch coverage is 70%
[INFO] Overall pybuilder.plugins.python.unittest_plugin.run_unit_tests partial branch coverage is 92%

[WARN] Test coverage below 70% for uc3m_money.calculate_balance: 0%
[INFO] Overall G8X.2025.TYY.GE2 coverage is 79%
[INFO] Overall G8X.2025.TYY.GE2 branch coverage is 70%
[INFO] Overall G8X.2025.TYY.GE2 partial branch coverage is 92%

BUILD FAILED - Test coverage for at least one module is below 70%
(pybuilder/plugins/python/coverage_plugin.py:157)

Build finished at 2025-03-25 21:00:32
Build took 4 seconds (4056 ms)
(.venv) lucaspedemonte@Lucass-MBP-202 G87.2025.T08.EG2 % pip install coverage
Collecting coverage
  Obtaining dependency information for coverage from
https://files.pythonhosted.org/packages/fd/68/21b973e6780a3f2457e31ede1aca6c2f84bda4
359457b40da3ae805dcf30/coverage-7.7.1-cp312-cp312-macosx_11_0_arm64.whl.metadat
a
  Downloading coverage-7.7.1-cp312-cp312-macosx_11_0_arm64.whl.metadata (8.5 kB)
Downloading coverage-7.7.1-cp312-cp312-macosx_11_0_arm64.whl (211 kB)

━━━

211.5/211.5 kB 7.1 MB/s eta 0:00:00
Installing collected packages: coverage
Successfully installed coverage-7.7.1

[notice] A new release of pip is available: 23.2.1 -> 25.0.1
[notice] To update, run: pip install --upgrade pip
(.venv) lucaspedemonte@Lucass-MBP-202 G87.2025.T08.EG2 % coverage run -m unittest
discover

EEEE
==
ERROR: src.main.python.uc3m_money
(unittest.loader._FailedTest.src.main.python.uc3m_money)

ImportError: Failed to import test module: src.main.python.uc3m_money
Traceback (most recent call last):
  File
"/Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/unittest/loader.py", line
427, in _find_test_path
    package = self._get_module_from_name(name)
              ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File
"/Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/unittest/loader.py", line
337, in _get_module_from_name
    __import__(name)
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/main/python/uc3m_mone
y/__init__.py", line 4, in <module>

```
    from .account_manager import AccountManager
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/main/python/uc3m_mone
y/account_manager.py", line 10, in <module>
    from uc3m_money.account_management_exception import
AccountManagementException
ModuleNotFoundError: No module named 'uc3m_money'


======================================================================
ERROR: src.unittest.python.test_account_deposit_tests
(unittest.loader._FailedTest.src.unittest.python.test_account_deposit_tests)
----------------------------------------------------------------------
ImportError: Failed to import test module: src.unittest.python.test_account_deposit_tests
Traceback (most recent call last):
  File
"/Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/unittest/loader.py", line
394, in _find_test_path
    module = self._get_module_from_name(name)
             ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File
"/Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/unittest/loader.py", line
337, in _get_module_from_name
    __import__(name)
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_deposit_tests.py", line 5, in <module>
    from uc3m_money.account_deposit import deposit_into_account,
AccountManagementException
ModuleNotFoundError: No module named 'uc3m_money'


======================================================================
ERROR: src.unittest.python.test_account_manager_tests
(unittest.loader._FailedTest.src.unittest.python.test_account_manager_tests)
----------------------------------------------------------------------
ImportError: Failed to import test module: src.unittest.python.test_account_manager_tests
Traceback (most recent call last):
  File
"/Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/unittest/loader.py", line
394, in _find_test_path
    module = self._get_module_from_name(name)
             ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File
"/Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/unittest/loader.py", line
337, in _get_module_from_name
    __import__(name)
```

File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_manager_tests.py", line 4, in <module>
    from uc3m_money.account_manager import AccountManager,
AccountManagementException
ModuleNotFoundError: No module named 'uc3m_money'

==
ERROR: src.unittest.python.test_transfer_request_tests
(unittest.loader._FailedTest.src.unittest.python.test_transfer_request_tests)

ImportError: Failed to import test module: src.unittest.python.test_transfer_request_tests
Traceback (most recent call last):
  File
"/Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/unittest/loader.py", line
394, in _find_test_path
    module = self._get_module_from_name(name)
             ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File
"/Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/unittest/loader.py", line
337, in _get_module_from_name
    __import__(name)
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_transf
er_request_tests.py", line 3, in <module>
    from uc3m_money import account_management_exception
ModuleNotFoundError: No module named 'uc3m_money'

Ran 4 tests in 0.000s

FAILED (errors=4)
(.venv) lucaspedemonte@Lucass-MBP-202 G87.2025.T08.EG2 % pyb
PyBuilder version 0.13.13
Build started at 2025-03-25 23:01:09

[INFO] Building G8X.2025.TYY.GE2 version 1.0.dev0
[INFO] Executing build in /Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2
[INFO] Going to execute task publish
[INFO] Processing plugin packages 'coverage>=6.0' to be installed with {'upgrade': True}
[INFO] Processing plugin packages 'unittest-xml-reporting>=3.0.4' to be installed with
{'upgrade': True}
[INFO] Creating target 'build' VEnv in
'/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/target/venv/build/cpython-3.1
2.3.final.0'

[INFO] Creating target 'test' VEnv in '/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/target/venv/test/cpython-3.12.3.final.0'
[INFO] Requested coverage for tasks: pybuilder.plugins.python.unittest_plugin:run_unit_tests
[INFO] Running unit tests
[INFO] Executing unit tests from Python modules in /Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python
IBAN not found in transactions file
Transactions file not found
IBAN not found in transactions file
Error decoding JSON file
Invalid IBAN format
Testing transfer amount above maximum...
Exception raised: Invalid amount: Must be between 10.00 and 10000.00
Testing transfer amount below minimum...
Exception raised: Invalid amount: Must be between 10.00 and 10000.00
Testing concept with max valid length (30 chars)..
Received result: 41efb509e70ae324e6a92264f2f27b80
Testing concept with min valid length (10 chars)...
Received result: 7f7d7a3d6d473ea520cd107f1a121758
Testing concept with 9 characters (invalid)...
Exception raised: Invalid concept: Must be 10-30 characters and contain at least two words
Testing invalid future transfer date...
Exception raised: Invalid year: Must be between 2025 and 2050
Testing invalid IBAN (wrong country code)...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid IBAN format...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid IBAN (length 23 characters)...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid past transfer date...
Exception raised: Invalid year: Must be between 2025 and 2050
Testing invalid transfer type...
Exception raised: Invalid transfer type: Must be 'ORDINARY', 'URGENT', or 'IMMEDIATE'
Testing maximum valid transfer amount...
Received result: da8b3e7aa3dd76618e2e02faca32515f
Testing minimum valid transfer amount...
Received result: c7afb988eb85f8d0b0d9abda262e046c
Testing short transfer concept...
Exception raised: Invalid concept: Must be 10-30 characters and contain at least two words
Testing transfer amount above maximum...
Exception raised: Invalid date: Cannot be in the past
Testing transfer with different valid types...
Received result: 66a0c27ca0e604cbdb0d9d872616dec4
Testing transfer on first valid date (25/03/2025)...
Received result: d2d9589628ca36c1f6092e06dcbd16f2
Testing transfer on last valid date (31/12/2050)...

Received result: 47433e1269639d0d9792d5fcf519f609
Testing valid IBANs with different banks...
Received result: 7bdd523cc6c31f53986624be1d17d1e3
Testing valid IBANs with the same bank...
Received result: 24c207d7fc5a0902ac990a0b705d6b82
Testing valid transfer request...
Received result: ff6b8dfb3882094cd6a7c7c034cd9d09

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpo2bjvn_m/deposit_duplicate_alg_key.json
AccountManagementException: Duplicate alg key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpaooz7rvt/deposit_duplicate_alg_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpe0s8aoj_/deposit_duplicate_amount_key.json
AccountManagementException: Duplicate amount key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpt8opuea0/deposit_duplicate_amount_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpm9lluq6a/deposit_duplicate_data.json
AccountManagementException: Duplicate alg key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpcr7nk2fa/deposit_duplicate_deposit_date_key.json
AccountManagementException: Duplicate deposit_date key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpa2pujlwn/deposit_duplicate_deposit_date_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp389lpcf7/deposit_duplicate_end_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpoo232e69/deposit_duplicate_field_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_jj7_0hn/deposit_duplicate_field_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp6aosbdur/deposit_duplicate_field_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp7h0hccxv/deposit_duplicate_field_separator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpw85ercs3/deposit_duplicate_iban_key.json
AccountManagementException: Duplicate iban key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_2zw08ev/deposit_duplicate_iban_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmphbsgr_gt/deposit_duplicate_key_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpij_vi7dg/deposit_duplicate_key_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpdawl8_e2/deposit_duplicate_key_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpcevrg03p/deposit_duplicate_key_separator4.json

AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpwydtczbv/deposit_duplicate_key_separator5.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpi9cumbro/deposit_duplicate_separator.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp72vhz3fr/deposit_duplicate_start_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpcn7i0ld1/deposit_duplicate_typ_key.json
AccountManagementException: Duplicate typ key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp2jlqzu89/deposit_duplicate_typ_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmps_hahbpv/deposit_empty_data.json
AccountManagementException: Empty JSON data

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp1zhzbxkm/deposit_invalid_amount_value.json
AccountManagementException: Invalid amount format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpheamhur7/deposit_invalid_deposit_date_value.json
AccountManagementException: Invalid deposit_date format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp8drt_xn3/deposit_invalid_iban_value.json
AccountManagementException: Invalid IBAN format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp6zporofn/deposit_missing_alg_key.json
AccountManagementException: Missing required keys: alg

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpm4y1gg8z/deposit_missing_alg_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpjf81s8om/deposit_missing_amount_key.json
AccountManagementException: Missing required keys: amount

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpzgssiznp/deposit_missing_amount_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpcs__h54o/deposit_missing_deposit_date_key.json
AccountManagementException: Missing required keys: deposit_date

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpic01_zrb/deposit_missing_deposit_date_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpx9umhnfh/deposit_missing_end_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpsn7kckey/deposit_missing_field_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpoae4_9bx/deposit_missing_field_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpz0uo4bw1/deposit_missing_field_separator3.json

AccountManagementException: The file is not in JSON format

Running test for: /var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmppzdwkdsi/deposit_missing_field_separator4.json
AccountManagementException: The file is not in JSON format

Running test for: /var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp1yds7jqa/deposit_missing_iban_key.json
AccountManagementException: Missing required keys: iban

Running test for: /var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpbqn3mm3i/deposit_missing_iban_value.json
AccountManagementException: The data file is not found

Running test for: /var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp0klqsfqg/deposit_missing_key_separator1.json
AccountManagementException: The file is not in JSON format

Running test for: /var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpshgzwk59/deposit_missing_key_separator2.json
AccountManagementException: The file is not in JSON format

Running test for: /var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpgk_g146r/deposit_missing_key_separator3.json
AccountManagementException: The file is not in JSON format

Running test for: /var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp88ai30ur/deposit_missing_key_separator4.json
AccountManagementException: The file is not in JSON format

Running test for: /var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp2amrzx2b/deposit_missing_key_separator5.json
AccountManagementException: The file is not in JSON format

Running test for: /var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpnreovl3p/deposit_missing_separator.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpoo24t5ow/deposit_missing_start_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpc8evafob/deposit_missing_typ_key.json
AccountManagementException: Missing required keys: typ

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmptzkk43x_/deposit_missing_typ_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpo7lq33uf/deposit_modified_alg_key.json
AccountManagementException: Missing required keys: alg

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp2m5r7yvh/deposit_modified_alg_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmplxes7wdd/deposit_modified_amount_key.json
AccountManagementException: Missing required keys: amount

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp9t1y_row/deposit_modified_deposit_date_key.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp8nw8v74v/deposit_modified_iban_key.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpyj0kfnuh/deposit_modified_typ_key.json
AccountManagementException: Missing required keys: typ

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp8a5rkk6t/deposit_modified_typ_value.json

AccountManagementException: Invalid alg or typ value

Running test_valid_deposit
Generated Signature:
2ac0ef93eeaaa7cfdea9f471b4fd83c21f0977ade339414f284054008f11b3aa
[INFO] Executed 88 unit tests
[INFO] All unit tests passed.
[INFO] Building distribution in
/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/target/dist/G8X.2025.TYY.GE
2-1.0.dev0
[INFO] Copying scripts to
/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/target/dist/G8X.2025.TYY.GE
2-1.0.dev0/scripts
[INFO] Collecting coverage information for
'pybuilder.plugins.python.unittest_plugin:run_unit_tests'
[WARN] ut_coverage_branch_threshold_warn is 0 and branch coverage will not be checked
[WARN] ut_coverage_branch_partial_threshold_warn is 0 and partial branch coverage will
not be checked
[INFO] Running unit tests
[INFO] Executing unit tests from Python modules in
/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python
IBAN not found in transactions file
Transactions file not found
IBAN not found in transactions file
Error decoding JSON file
Invalid IBAN format
Testing transfer amount above maximum...
Exception raised: Invalid amount: Must be between 10.00 and 10000.00
Testing transfer amount below minimum...
Exception raised: Invalid amount: Must be between 10.00 and 10000.00
Testing concept with max valid length (30 chars)..
Received result: cc8b5664558b2328ee876effdc71e223
Testing concept with min valid length (10 chars)...
Received result: c3beb84cd8242178478ba595fa40e38a
Testing concept with 9 characters (invalid)...
Exception raised: Invalid concept: Must be 10-30 characters and contain at least two words
Testing invalid future transfer date...
Exception raised: Invalid year: Must be between 2025 and 2050
Testing invalid IBAN (wrong country code)...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid IBAN format...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid IBAN (length 23 characters)...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid past transfer date...
Exception raised: Invalid year: Must be between 2025 and 2050
Testing invalid transfer type...
Exception raised: Invalid transfer type: Must be 'ORDINARY', 'URGENT', or 'IMMEDIATE'

Testing maximum valid transfer amount...
Received result: 2e8e63e03a838562c383cba0d5fe8e0b
Testing minimum valid transfer amount...
Received result: d7cb0ce738046d131e48c14a0e695461
Testing short transfer concept...
Exception raised: Invalid concept: Must be 10-30 characters and contain at least two words
Testing transfer amount above maximum...
Exception raised: Invalid date: Cannot be in the past
Testing transfer with different valid types...
Received result: b3a95c4e4633478b157accd9b7bb59d8
Testing transfer on first valid date (25/03/2025)...
Received result: 6795165eadb07dd2a3bbfb5a32b2656c
Testing transfer on last valid date (31/12/2050)...
Received result: 494d77188a57390a6de4e1c06538491e
Testing valid IBANs with different banks...
Received result: aca91fdd1d7f29d1333801250b9014e1
Testing valid IBANs with the same bank...
Received result: f82fd77b54dcd78c9401023cca60c122
Testing valid transfer request...
Received result: 66916b008320a1cfe4ae7dac3d34b35c

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpokhk80ad/deposit_duplicate_alg_key.json
AccountManagementException: Duplicate alg key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpsl59aeb5/deposit_duplicate_alg_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpefhkfgvn/deposit_duplicate_amount_key.json
AccountManagementException: Duplicate amount key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpd349ierk/deposit_duplicate_amount_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpd7whd49f/deposit_duplicate_data.json
AccountManagementException: Duplicate alg key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpdx5lq6dq/deposit_duplicate_deposit_date_key.json
AccountManagementException: Duplicate deposit_date key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp2hlujzt4/deposit_duplicate_deposit_date_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpr_bssr6d/deposit_duplicate_end_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmphel1epnd/deposit_duplicate_field_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp27ojv5kt/deposit_duplicate_field_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp1p1k86vg/deposit_duplicate_field_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp8ms5cgup/deposit_duplicate_field_separator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpmzod2rzs/deposit_duplicate_iban_key.json
AccountManagementException: Duplicate iban key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp4bmnpmov/deposit_duplicate_iban_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmplusymqyw/deposit_duplicate_key_separator1.json

AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp5vz0wl_y/deposit_duplicate_key_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp5f5g3xtp/deposit_duplicate_key_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp31utjol3/deposit_duplicate_key_separator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpo5lvy8il/deposit_duplicate_key_separator5.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpfpmc05n7/deposit_duplicate_separator.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmptd8dgqpg/deposit_duplicate_start_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpb4doigor/deposit_duplicate_typ_key.json
AccountManagementException: Duplicate typ key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpye8as4wm/deposit_duplicate_typ_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmppbwfxx5s/deposit_empty_data.json
AccountManagementException: Empty JSON data

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmprn9y2d5o/deposit_invalid_amount_value.json
AccountManagementException: Invalid amount format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpjqhrdg5z/deposit_invalid_deposit_date_value.json
AccountManagementException: Invalid deposit_date format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmplsjmaues/deposit_invalid_iban_value.json
AccountManagementException: Invalid IBAN format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp2sa40qa4/deposit_missing_alg_key.json
AccountManagementException: Missing required keys: alg

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp98to921e/deposit_missing_alg_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpsbo034hx/deposit_missing_amount_key.json
AccountManagementException: Missing required keys: amount

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp6yj48lye/deposit_missing_amount_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmprm3htyzu/deposit_missing_deposit_date_key.json
AccountManagementException: Missing required keys: deposit_date

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpzmyedkn8/deposit_missing_deposit_date_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp0dd7suay/deposit_missing_end_brace.json

AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp1vryw406/deposit_missing_field_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmphoul1yu9/deposit_missing_field_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_6cczzo_/deposit_missing_field_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpvdvbijb5/deposit_missing_field_separator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpiaxrf45a/deposit_missing_iban_key.json
AccountManagementException: Missing required keys: iban

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpigje0hc3/deposit_missing_iban_value.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp4wedk57p/deposit_missing_key_separator1.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpz7jw81ky/deposit_missing_key_separator2.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpt146owbc/deposit_missing_key_separator3.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpo_1i_7z7/deposit_missing_key_se
parator4.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_w3l367j/deposit_missing_key_sep
arator5.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp3q9_fza1/deposit_missing_separat
or.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpr756okio/deposit_missing_start_br
ace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpxa_a4gqi/deposit_missing_typ_key
.json
AccountManagementException: Missing required keys: typ

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmphhlu9y0v/deposit_missing_typ_val
ue.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpprebzmu7/deposit_modified_alg_k
ey.json
AccountManagementException: Missing required keys: alg

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpi9tzc_78/deposit_modified_alg_val
ue.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp63usf9vu/deposit_modified_amoun
t_key.json
AccountManagementException: Missing required keys: amount

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp7fdfthbw/deposit_modified_deposit
_date_key.json

AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmph1smz06f/deposit_modified_iban_key.json
AccountManagementException: The data file is not found

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp2h1angoc/deposit_modified_typ_key.json
AccountManagementException: Missing required keys: typ

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpyjdgyqha/deposit_modified_typ_value.json
AccountManagementException: Invalid alg or typ value

Running test_valid_deposit
Generated Signature:
8e9b6fdd2da3668a168656a39d7098abdcacd6446b36ec4ea474c25747f05117
[INFO] Executed 88 unit tests
[INFO] All unit tests passed.
[WARN] Test coverage below 70% for uc3m_money.calculate_balance: 0%
[INFO] Overall pybuilder.plugins.python.unittest_plugin.run_unit_tests coverage is 79%
[INFO] Overall pybuilder.plugins.python.unittest_plugin.run_unit_tests branch coverage is 70%
[INFO] Overall pybuilder.plugins.python.unittest_plugin.run_unit_tests partial branch coverage is 92%
[WARN] Test coverage below 70% for uc3m_money.calculate_balance: 0%
[INFO] Overall G8X.2025.TYY.GE2 coverage is 79%
[INFO] Overall G8X.2025.TYY.GE2 branch coverage is 70%
[INFO] Overall G8X.2025.TYY.GE2 partial branch coverage is 92%

BUILD FAILED - Test coverage for at least one module is below 70%
(pybuilder/plugins/python/coverage_plugin.py:157)

Build finished at 2025-03-25 23:01:13
Build took 3 seconds (3609 ms)
(.venv) lucaspedemonte@Lucass-MBP-202 G87.2025.T08.EG2 %

Tests for Transfer
/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/.venv/bin/python
/Applications/PyCharm
CE.app/Contents/plugins/python-ce/helpers/pycharm/_jb_unittest_runner.py --target
test_transfer_request_tests.TransferRequestTests
Testing started at 10:59 PM ...

Launching unittests with arguments python -m unittest test_transfer_request_tests.TransferRequestTests in /Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python

Testing transfer amount above maximum...
Exception raised: Invalid amount: Must be between 10.00 and 10000.00
Testing transfer amount below minimum...
Exception raised: Invalid amount: Must be between 10.00 and 10000.00
Testing concept with max valid length (30 chars)..
Received result: 6f815a16b7761c77380928996e6c7cbb
Testing concept with min valid length (10 chars)...
Received result: 773d0b806bc7bb3783b26a08110c72c5
Testing concept with 9 characters (invalid)...
Exception raised: Invalid concept: Must be 10-30 characters and contain at least two words
Testing invalid future transfer date...
Exception raised: Invalid year: Must be between 2025 and 2050
Testing invalid IBAN (wrong country code)...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid IBAN format...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid IBAN (length 23 characters)...
Exception raised: Invalid IBAN: Must start with 'ES' and contain 24 digits
Testing invalid past transfer date...
Exception raised: Invalid year: Must be between 2025 and 2050
Testing invalid transfer type...
Exception raised: Invalid transfer type: Must be 'ORDINARY', 'URGENT', or 'IMMEDIATE'
Testing maximum valid transfer amount...
Received result: d8070063e586843270347bea37c2138f
Testing minimum valid transfer amount...
Received result: 83fb2dfd246a625991dbad88c1b7dbbe
Testing short transfer concept...
Exception raised: Invalid concept: Must be 10-30 characters and contain at least two words
Testing transfer amount above maximum...
Exception raised: Invalid date: Cannot be in the past
Testing transfer with different valid types...
Received result: b728906701a62d27719e908d9756369f
Testing transfer on first valid date (25/03/2025)...
Received result: 8ecacd0596fc84e1121ed36b4305cd6e
Testing transfer on last valid date (31/12/2050)...
Received result: f3135770aa00525a4c1ee4001e31117d
Testing valid IBANs with different banks...
Received result: c41fc31200290139de45b8dad5a69f9b
Testing valid IBANs with the same bank...
Received result: 146b09ae0673992fc51bce2acc7e80ab
Testing valid transfer request...
Received result: a2fa7c7f80ca5d71320d0919affcaec5

Ran 21 tests in 0.021s

OK

Process finished with exit code 0

Tests for Deposit:

/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/.venv/bin/python
/Applications/PyCharm
CE.app/Contents/plugins/python-ce/helpers/pycharm/_jb_unittest_runner.py --target
test_account_deposit_tests.TestComprehensiveAccountDeposit
Testing started at 12:54 PM ...
Launching unittests with arguments python -m unittest
test_account_deposit_tests.TestComprehensiveAccountDeposit in
/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpyt9o7nrv/deposit_duplicate_alg_ke
y.json
AccountManagementException: Invalid alg value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpv_02yx7n/deposit_duplicate_alg_v
alue.json
AccountManagementException: Invalid alg value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpvr5ph2p5/deposit_duplicate_amou
nt_key.json

Failure
Traceback (most recent call last):
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_deposit_tests.py", line 229, in test_duplicate_amount_key
    self.run_error_test("duplicate_amount_key")
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_deposit_tests.py", line 102, in run_error_test
    self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for duplicate_amount_key

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpno10rs5u/deposit_duplicate_amount_value.json
AccountManagementException: Invalid amount format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpjy3aclmf/deposit_duplicate_data.json

Failure
Traceback (most recent call last):
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 136, in test_duplicate_data
    self.run_error_test("duplicate_data")
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 102, in run_error_test
    self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for duplicate_data

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpvx99jf1t/deposit_duplicate_deposit_date_key.json

Failure
Traceback (most recent call last):
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 254, in test_duplicate_deposit_date_key
    self.run_error_test("duplicate_deposit_date_key")
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 102, in run_error_test
    self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for duplicate_deposit_date_key

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpwkttoo5z/deposit_duplicate_deposit_date_value.json

Failure
Traceback (most recent call last):
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 270, in test_duplicate_deposit_date_value

```
      self.run_error_test("duplicate_deposit_date_value")
    File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_deposit_tests.py", line 102, in run_error_test
      self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for duplicate_deposit_date_value


Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_ddo6nhx/deposit_duplicate_end_
brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpxmdxhivo/deposit_duplicate_iban_
key.json

Failure
Traceback (most recent call last):
    File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_deposit_tests.py", line 204, in test_duplicate_iban_key
      self.run_error_test("duplicate_iban_key")
    File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_deposit_tests.py", line 102, in run_error_test
      self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for duplicate_iban_key


Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpnd67ubrb/deposit_duplicate_iban_
value.json

Failure
Traceback (most recent call last):
    File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_deposit_tests.py", line 220, in test_duplicate_iban_value
      self.run_error_test("duplicate_iban_value")
    File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_deposit_tests.py", line 102, in run_error_test
      self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for duplicate_iban_value
```

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp5pp8vece/deposit_duplicate_separator.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmphguyezbt/deposit_duplicate_start_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp59_oy008/deposit_duplicate_typ_key.json
AccountManagementException: Invalid typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpz8bwt0oi/deposit_duplicate_typ_value.json
AccountManagementException: Invalid typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpojo7tyec/deposit_empty_data.json
AccountManagementException: Empty JSON data

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpwug885j8/deposit_invalid_amount_value.json
AccountManagementException: Invalid amount format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp5k016vnr/deposit_invalid_deposit_date_value.json

Failure
Traceback (most recent call last):
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 262, in test_invalid_deposit_date_value
    self.run_error_test("invalid_deposit_date_value")
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 102, in run_error_test
    self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for invalid_deposit_date_value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpd7ft87hy/deposit_invalid_iban_value.json
AccountManagementException: Invalid IBAN format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpr_5ezwt5/deposit_missing_alg_key.json

Failure
Traceback (most recent call last):
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 150, in test_missing_alg_key
    self.run_error_test("missing_alg_key")
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 102, in run_error_test
    self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for missing_alg_key

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpg4utw_8s/deposit_missing_alg_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp4n1y9i_y/deposit_missing_amount_key.json
AccountManagementException: Missing required keys

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp9qn3ideg/deposit_missing_amount_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpaqtmswpu/deposit_missing_deposit_date_key.json

Failure
Traceback (most recent call last):
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 250, in test_missing_deposit_date_key
    self.run_error_test("missing_deposit_date_key")

File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_deposit_tests.py", line 102, in run_error_test
    self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for missing_deposit_date_key

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpot6ainqc/deposit_missing_deposit_
date_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpf6y39u3v/deposit_missing_end_br
ace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp7ff8v2pm/deposit_missing_iban_ke
y.json
AccountManagementException: Missing required keys

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpr2aedqjp/deposit_missing_iban_val
ue.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpnnkgmldt/deposit_missing_separat
or.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp3y_rn02_/deposit_missing_start_br
ace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpinvwcsp7/deposit_missing_typ_key
.json
AccountManagementException: Missing required keys

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpw14y5ast/deposit_missing_typ_val
ue.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp0o8651jk/deposit_modified_alg_key.json

Failure
Traceback (most recent call last):
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 158, in test_modified_alg_key
    self.run_error_test("modified_alg_key")
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 102, in run_error_test
    self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for modified_alg_key

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpiqo6bnhn/deposit_modified_alg_value.json
AccountManagementException: Invalid alg value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpqjszbubr/deposit_modified_amount_key.json
AccountManagementException: Missing required keys

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpodov8ho9/deposit_modified_deposit_date_key.json

Failure
Traceback (most recent call last):
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 258, in test_modified_deposit_date_key
    self.run_error_test("modified_deposit_date_key")
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 102, in run_error_test
    self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for modified_deposit_date_key

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpkk4732t6/deposit_modified_iban_key.json
AccountManagementException: Missing required keys

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp2o2gl32_/deposit_modified_typ_key.json
AccountManagementException: Missing required keys

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp7hha7wc_/deposit_modified_typ_value.json
AccountManagementException: Invalid typ value

Ran 39 tests in 0.232s

FAILED (failures=11)

Running test_valid_deposit
Generated Signature:
ddf53f3e8ac51464c94d8adfa919e50daa95d2a8d4388095fa297ca5a62aa809

Process finished with exit code 1

Test 2

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmph3t3u1qi/deposit_duplicate_alg_key.json
AccountManagementException: Duplicate key 'alg' found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmplmw9e1fq/deposit_duplicate_alg_value.json
AccountManagementException: Invalid alg value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpnuj8rh4i/deposit_duplicate_amount_key.json
AccountManagementException: Duplicate key 'amount' found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp2p3hdifz/deposit_duplicate_amount_value.json
AccountManagementException: Invalid amount format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpfqubqh8v/deposit_duplicate_data.json

AccountManagementException: Duplicate key 'alg' found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp6wgj9elt/deposit_duplicate_deposit
_date_key.json
AccountManagementException: Duplicate key 'deposit_date' found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpa7ge2674/deposit_duplicate_depo
sit_date_value.json

Failure
Traceback (most recent call last):
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_deposit_tests.py", line 270, in test_duplicate_deposit_date_value
    self.run_error_test("duplicate_deposit_date_value")
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_deposit_tests.py", line 102, in run_error_test
    self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for duplicate_deposit_date_value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpzjt7_pqc/deposit_duplicate_end_br
ace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpnqdescpw/deposit_duplicate_iban_
key.json
AccountManagementException: Duplicate key 'iban' found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpe3i4exit/deposit_duplicate_iban_va
lue.json
AccountManagementException: Invalid IBAN format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpe0fd9igi/deposit_duplicate_separat
or.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpqyty221j/deposit_duplicate_start_b
race.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmprcjb5s0p/deposit_duplicate_typ_key.json
AccountManagementException: Duplicate key 'typ' found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpayhn30cu/deposit_duplicate_typ_value.json
AccountManagementException: Invalid typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_2leq348/deposit_empty_data.json
AccountManagementException: Empty JSON data

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp1ygv3ikz/deposit_invalid_amount_value.json
AccountManagementException: Invalid amount format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp1e2t9yt4/deposit_invalid_deposit_date_value.json

Failure
Traceback (most recent call last):
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 262, in test_invalid_deposit_date_value
    self.run_error_test("invalid_deposit_date_value")
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 102, in run_error_test
    self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for invalid_deposit_date_value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpsl557213/deposit_invalid_iban_value.json
AccountManagementException: Invalid IBAN format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp9oojfxit/deposit_missing_alg_key.json

Failure
Traceback (most recent call last):

File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_deposit_tests.py", line 150, in test_missing_alg_key
    self.run_error_test("missing_alg_key")
File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_deposit_tests.py", line 102, in run_error_test
    self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for missing_alg_key

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpwf7uh0vb/deposit_missing_alg_val
ue.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpd9doxl1w/deposit_missing_amount
_key.json
AccountManagementException: Missing required keys: deposit_amount

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpamiawfsm/deposit_missing_amoun
t_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_bza8olg/deposit_missing_deposit
_date_key.json

Failure
Traceback (most recent call last):
File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_deposit_tests.py", line 250, in test_missing_deposit_date_key
    self.run_error_test("missing_deposit_date_key")
File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_deposit_tests.py", line 102, in run_error_test
    self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for missing_deposit_date_key

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmppuuuw3xb/deposit_missing_deposi
t_date_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp75mrrttc/deposit_missing_end_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp7g7t4fnl/deposit_missing_iban_key.json
AccountManagementException: Missing required keys: to_iban

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp19k6mrl_/deposit_missing_iban_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpk8tqnm1b/deposit_missing_separator.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp8je2atyr/deposit_missing_start_brace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_uq7gqdm/deposit_missing_typ_key.json
AccountManagementException: Missing required keys: type

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmprocruhbv/deposit_missing_typ_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmppxvv9gj0/deposit_modified_alg_key.json

Failure
Traceback (most recent call last):
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 158, in test_modified_alg_key
    self.run_error_test("modified_alg_key")
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 102, in run_error_test

```
        self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for modified_alg_key
```

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpumskcy_s/deposit_modified_alg_value.json
AccountManagementException: Invalid alg value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp3w8zwo46/deposit_modified_amount_key.json
AccountManagementException: Missing required keys: deposit_amount

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp5zw4glp0/deposit_modified_deposit_date_key.json

Failure
Traceback (most recent call last):
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 258, in test_modified_deposit_date_key
    self.run_error_test("modified_deposit_date_key")
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_account_deposit_tests.py", line 102, in run_error_test
    self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for modified_deposit_date_key

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp0zye1mvs/deposit_modified_iban_key.json
AccountManagementException: Missing required keys: to_iban

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpmou377hc/deposit_modified_typ_key.json
AccountManagementException: Missing required keys: type

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpeoyci4fy/deposit_modified_typ_value.json
AccountManagementException: Invalid typ value

Running test_valid_deposit

Generated Signature:
b599f51df207ecd607c3f53ef3628087985a7b5f034fd10a6341eff52f0470e2

Ran 39 tests in 0.233s

FAILED (failures=6)

Test 3

/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/.venv/bin/python
/Applications/PyCharm
CE.app/Contents/plugins/python-ce/helpers/pycharm/_jb_unittest_runner.py --target
test_account_deposit_tests.TestComprehensiveAccountDeposit
Testing started at 1:29 PM ...
Launching unittests with arguments python -m unittest
test_account_deposit_tests.TestComprehensiveAccountDeposit in
/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpbu5plv2m/deposit_duplicate_alg_key.json
AccountManagementException: Duplicate alg key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp6y3ob8ml/deposit_duplicate_alg_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp27gl9b1n/deposit_duplicate_amount_key.json
AccountManagementException: Duplicate amount key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpntnt7ug_/deposit_duplicate_amount_value.json
AccountManagementException: Invalid amount format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpezenwupd/deposit_duplicate_data.json
AccountManagementException: Duplicate alg key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpt71kh2oj/deposit_duplicate_deposit_date_key.json

AccountManagementException: Duplicate deposit_date key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmplp3li405/deposit_duplicate_deposit
_date_value.json
AccountManagementException: Invalid deposit_date format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmppkjw_7q5/deposit_duplicate_end_b
race.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpsbcgqtd5/deposit_duplicate_iban_k
ey.json
AccountManagementException: Duplicate iban key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp0n6ywvtj/deposit_duplicate_iban_v
alue.json

Failure
Traceback (most recent call last):
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_deposit_tests.py", line 220, in test_duplicate_iban_value
    self.run_error_test("duplicate_iban_value")
  File
"/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python/test_acco
unt_deposit_tests.py", line 102, in run_error_test
    self.fail(f"Expected AccountManagementException for {key}")
AssertionError: Expected AccountManagementException for duplicate_iban_value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpz8mvx7qz/deposit_duplicate_separ
ator.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp0lhx3su7/deposit_duplicate_start_b
race.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpkcyzgrub/deposit_duplicate_typ_ke
y.json
AccountManagementException: Duplicate typ key found in JSON

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpd6umbdum/deposit_duplicate_typ_
value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp9km5cshf/deposit_empty_data.json
AccountManagementException: Empty JSON data

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpk8b_kj2d/deposit_invalid_amount_
value.json
AccountManagementException: Invalid amount format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpsy3yhe6p/deposit_invalid_deposit_
date_value.json
AccountManagementException: Invalid deposit_date format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp25_umuuz/deposit_invalid_iban_va
lue.json
AccountManagementException: Invalid IBAN format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpawvptyne/deposit_missing_alg_key
.json
AccountManagementException: Missing required keys: alg

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_lbzaplx/deposit_missing_alg_valu
e.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpep5oyc9n/deposit_missing_amount
_key.json
AccountManagementException: Missing required keys: amount

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_fu5rrhu/deposit_missing_amount_
value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp3uhd3jqt/deposit_missing_deposit_
date_key.json

AccountManagementException: Missing required keys: deposit_date

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmps382_98k/deposit_missing_deposit
_date_value.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp88sehis9/deposit_missing_end_bra
ce.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmphw13bk6m/deposit_missing_iban_
key.json
AccountManagementException: Missing required keys: iban

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpv1q7njlu/deposit_missing_iban_val
ue.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpkc2ls3uo/deposit_missing_separat
or.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp0zvlv543/deposit_missing_start_br
ace.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpm0_dlmje/deposit_missing_typ_ke
y.json
AccountManagementException: Missing required keys: typ

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmptr7h7qkf/deposit_missing_typ_valu
e.json
AccountManagementException: The file is not in JSON format

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp8rv8kp3k/deposit_modified_alg_ke
y.json
AccountManagementException: Missing required keys: alg

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp7xi93v2g/deposit_modified_alg_value.json
AccountManagementException: Invalid alg or typ value

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp8lheidzk/deposit_modified_amount_key.json
AccountManagementException: Missing required keys: amount

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpda9gkrm0/deposit_modified_deposit_date_key.json
AccountManagementException: Missing required keys: deposit_date

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmp_hdxegpe/deposit_modified_iban_key.json
AccountManagementException: Missing required keys: iban

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpj54c_yks/deposit_modified_typ_key.json
AccountManagementException: Missing required keys: typ

Running test for:
/var/folders/53/h_mhyq3j65lgn0_1wdzqjcwr0000gn/T/tmpdg7gv1xx/deposit_modified_typ_value.json
AccountManagementException: Invalid alg or typ value

Running test_valid_deposit
Generated Signature:
02cb6f20a1da43075ca46231aec3303effbe5c055933da98df7e7f0ee56701ab

Ran 39 tests in 0.228s

FAILED (failures=1)

Process finished with exit code 1

Test for Balance

/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/.venv/bin/python
/Applications/PyCharm
CE.app/Contents/plugins/python-ce/helpers/pycharm/_jb_unittest_runner.py --target
test_account_manager_tests.TestAccountManager
Testing started at 11:00 PM ...

Launching unittests with arguments python -m unittest
test_account_manager_tests.TestAccountManager in
/Users/lucaspedemonte/PycharmProjects/G87.2025.T08.EG2/src/unittest/python

IBAN not found in transactions file
Transactions file not found
IBAN not found in transactions file
Error decoding JSON file
Invalid IBAN format

Ran 10 tests in 0.006s

OK

Process finished with exit code 0