**!!!!!!!!!!!!!! DO NOT COPY AND PASTE CHANGES FROM HERE TO THE TXT FILES, FORMATTING IGNORES EMPTY SPACES IN GOOGLE DOCS !!!!!!!!!!!!!!!!!!!!!**

**Create -** Create a new user

**createPermission** - User should not be able to create a user account when not of user-type “admin”

| commands | login  WalterWhite  create  Test1  PS  logout  login  LEVIONGAB  create  Test2  PS  logout  login  PetterWhite  create  Test3  PS  logout  login  User001  create  Test4  PS  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 01 Test4 PS 0 000.00 00  00 |

**createUserTypeFormat** - User should not be able to select an invalid user-type

| commands | login  User001  create  Test5  QS  PS  logout  Quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 01 Test5 PS 0 000.00 00  00 |

**createUsrnmFormat** - User should not be able to select a username that is not between 1 and 15 characters inclusively, or that includes the characters “#, $, %, ^, &”

| commands | login  User001  create  Thisisareallylongtest6  Test7##%!&^  Test8  PS  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 01 Test8 PS 0 000.00 00  00 |

**createUsrnmUnique** - User should not be able to select a username that is not unique

| commands | login  User001  create  WalterWhite  Test9  PS  logout  quit |
| --- | --- |
| Input: | User001 Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 01 Test9 PS 0 000.00 00  00 |

**Login -** Start a Front-End session

**loginUsrnmFormat** - User should not be able to login with a username that is not between 1 and 15 characters inclusively

| commands | login  THISISAREALLYLOONGUSERNAME  ##~!()@bob  User001  create  TestUser4  PS  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 01 TestUser4 PS 0 000.00 00  00 |

**loginUsrnmMissing** - User should not be able to login with in non-existing username

| commands | login  FakeUser  LEVIONGAB  rent  KX35BMB3  2  yes  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 05 LEVIONGAB PS KX35BMB3 0 063.00 02  00 |

**loginExistingLogin** - User should not be able to use the “login” command while already logged in

| commands | login  LEVIONGAB  login  ELENOIRVILLA  rent  XIQ1J2B4  2  yes  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 05 LEVIONGAB PS XIQ1J2B4 0 322.99 02  00 |

**loginEarlyCmd** - User should not be able to use any command other than “login” and “quit” before logging in

| commands | User001  create  TestUser1  PS  logout  create  TestUser2  PS  logout  login  User001  create  TestUser3  PS  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 01 TestUser3 PS 0 000.00 00  00 |

**Logout -** Log user out

**logoutLateCmd** - User should not be able to use any command other than “login” and “quit” after logging out

| commands | login  User001  create  TestUser6  PS  logout  create  TestUser7  PS  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 01 01 TestUser6 PS 0 000.00 00  00 |

**Post -** Post a listing

**postPermission**- User should not be able to post a listing when their user-type is “rent-standard”

| commands | login  LEVIONGAB  post  Ottawa  133.99  2  logout  login  WalterWhite  post  Toronto  299.99  1  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 03 WalterWhite PS B82N12KS Toronto 1 299.99 00  00 |

**postCityFormat** - User should not be able to post a city that is non-alphabetic (exceptions: ‘-, <space>‘), or not between 1 and 25 characters inclusively

| commands | login  WalterWhite  post  123312321  #$$$%#$%#  longestcitynameknowninthehistoryofcitynames  Detroit  166.99  3  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 03 WalterWhite PS 81H2B3V2 Detroit 3 166.99 00  00 |

**postPriceFormat** - User should not be able to post a price-per-night that is non-numeric, or not between $1 and $1000 exclusively

| commands | login  WalterWhite  post  Ottawa  fifty  0  22222.00  105.99  2  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 03 WalterWhite PS 81H2B3V2 Ottawa 2 105.99 00  00 |

**postRoomsFormat** - User should not be able to post a number-of-rooms that is non-integer, or not between 1 and 9 inclusively

| commands | login  WalterWhite  post  Mexico City  82.00  two  0  22  2  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 03 WalterWhite PS KOL2J1N2 Mexico City 2 082.00 00  00 |

**Rent - Rent a listing**

**rentAlreadyRented**- User should not be able rent a listing that is already rented

| commands | login  LEVIONGAB  rent  P13N4A12  228AVTU6  3  yes  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 05 LEVIONGAB RS 228AVTU6 2 349.99 03  00 |

**rentConfirmation** - User should not be able to rent a listing without confirming by entering “yes”

| commands | login  LEVIONGAB  rent  MQE43FSQ  1  jes  si  7es  735  no  logout  login  LEVIONGAB  rent  228AVTU6  3  yes  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 05 LEVIONGAB RS 228AVTU6 2 349.99 03  00 |

**rentDeletedUser** - User should not be able to rent a listing owned by a deleted user

| commands | login  User001  delete  DELE1  logout  login  LEVIONGAB  rent  XIQ1J2B4  228AVTU6  3  yes  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 02 DELE1 PS 0 000.00 00  05 LEVIONGAB RS 228AVTU6 2 349.99 03  00 |

**rentListingOwner** - User should not be able to rent a listing of which they are the owner

| commands | login  PetterWhite  I1N283SX  OOAS1345  3  yes  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  I1N283SX PetterWhite Toronto 6 459.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 05 PetterWhite RS OOAS1345 3 549.99 03  00 |

**rentNewListing** - User should not be able to rent a listing that was created in the same session

| commands | login  22fixer  post  Montreal  67.33  1  logout  login  LEVIONGAB  rent  U1S19J45  KX35BMB3  3  yes  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 03 22fixer PS U1S19J45 Montreal 1 067.33 00  05 LEVIONGAB RS KX35BMB3 2 063.00 03  00 |

**rentNightsFormat** - User should not be able to rent a listing for a number-of-nights that is not between 1 and 14 inclusively

| commands | login  LEVIONGAB  rent  KX35BMB3  0  20  $$  2  yes  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 05 LEVIONGAB RS KX35BMB3 2 063.00 02  00 |

**rentPermission** - User should not be able to rent a listing when their user-type is “post-standard”

| commands | login  22fixer  rent  228AVTU6  3  yes  logout  login  LEVIONGAB  rent  KX35BMB3  3  yes  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 05 LEVIONGAB RS KX35BMB3 2 063.00 03  00 |

**rentUnitIDFormat** - User should not be able to rent a listing unit ID that is non-alphanumeric, or not exactly 8 characters

| commands | login  LEVIONGAB  rent  H281H2981H281H283HD78A  H23J2  &^!\*(@!\*  KX35BMB3  3  yes  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 05 LEVIONGAB RS KX35BMB3 2 063.00 03  00 |

**rentUnitIDMissing** - User should not be able to rent a listing unit ID that does not exist

| commands | login  LEVIONGAB  rent  FAKERENT  K120SN3K  KX35BMB3  3  yes  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 05 LEVIONGAB RS KX35BMB3 2 063.00 03  00 |

**Search -** Search for a posting

**srchCityFormat** - User should not be able to search for a city that is non-alphabetic (exceptions: ‘-‘ and ‘\*’ and <space>), or not between 1 and 25 characters inclusively

| commands | login  User001  search  T@r@nt@  Torontoooooooooooooooooooo  T0r0nt0  Paris  549.99  3  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 04 User001 AA Paris 3 549.99 00  00 |

**srchPriceFormat** - User should not be able to search for a price-per-night that is non-numeric (exception: ‘\*’) or not between $1 and $1000 exclusively

| commands | login  User001  search  Paris  Five  $  0  10000  549.99  3  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 04 User001 AA Paris 3 549.99 00  00 |

**srchRoomsFormat** - User should not be able to search for a number-of-rooms that is non-integer (exception: ‘\*’), or not between 1 and 9 inclusively

| commands | login  User001  search  Paris  549.99  s  $  0.5  0  10  3  logout  quit |
| --- | --- |
| Input: | Users:  User001 AA  HockeyLover22 AA  VictoriaWashing FS  PetterWhite FS  LEVIONGAB RS  ELENOIRVILLA RS  22fixer PS  WalterWhite PS  GordonRamsay PS  DELE1 PS  DELE2 PS  DELE3 PS  DELE4 PS  DELE5 PS  END  Listings:  HG87AV12 22fixer Toronto 3 098.99 F 00  KX35BMB3 WalterWhite Ottawa 2 063.00 F 00  MQE43FSQ 22fixer Toronto 4 120.59 F 00  228AVTU6 GordonRamsay Paris 2 349.99 F 00  OOAS1345 GordonRamsay Paris 3 549.99 F 00  P13N4A12 GordonRamsay Tokyo 2 249.99 T 03  LA1023SJ WalterWhite Detroit 1 044.76 T 01  JK1K234L GordonRamsay New York 2 399.99 T 08  915JKAQK WalterWhite Albuquerque 3 788.99 T 05  XIQ1J2B4 DELE1 Toronto 3 322.99 F 00  END 0 000.00 00 |
| Output: | 04 User001 AA Paris 3 549.99 00  00 |