Automated Test Script

Contacts

To test contacts, we will generate a bag of different strings and numbers and test out each one.

Test for Name
```
Apha_strings = generate_alpha_strings()
Numeric_strings = generate_neumeric_strings()
Special_strings = generate_special_strings()

String_bag = shuffle([alpha_strings,Neumeric_strings,Special_strings,' '])
For object in string_bag:
     Test_result = test_namefield(object)
     Expected_result = get_expected_result(object)
     Verdict = check(Test_result,Expected_result)
     Store(verdict)
```

Similarly we can test for all fields like phone number, email etc.

Education
We can test for various fields by generating different names

Test for Institution

```
Recognized_ins = get_institution_list()
New_institutes = generate_Institute_names()
Bag = shuffle([Recognized_ins,New_institutes,' '])
For object in Bag:
     if  object.is_recognized:
          verdict=check_for_match(object)
          store(verdict)
     Else:
          Verdict = check_if_valid(object)
          store(verdict)
```

Similarly we can test for all fields.

Skills

To test skills, we will generate a bag of different strings and numbers and test out each one.

Test for Name

```
Apha_strings = generate_alpha_strings()
Numeric_strings = generate_neumeric_strings()
Special_strings = generate_special_strings()

String_bag = shuffle([alpha_strings,Neumeric_strings,Special_strings,' '],
rand.domain_list(), rand.skill_list())
For object in string_bag:
     Test_result = test_namefield(object)
     Expected_result = get_expected_result(object)
     Verdict = check(Test_result,Expected_result)
     Store(verdict)
```

Achievements & Qualifications

We can test for the validity of the string that the user enters

```
Len = generate_random_length()
For len:
     Word = generate_random_word()

     Test_string += word

Verdict = check(Test_string)
Store(Verdict)
```