

REGISTRATION

In [38]: `import requests`

1. Add Scorecard

In [47]: `# add scorecard`

```
data = {"address": "Located in different area",
        "age": "35 to 45",
        "bvn": "10",
        "crop": "Food crops",
        "estimate_monthly_income": "Less than 500,000",
        "gender": "Male",
        "intercropping": "Mixed cropping",
        "is_in_a_cooperative": "Yes",
        "machines": "Yes",
        "no_of_agronomist_visits": "Less than once a month",
        "number_of_crops": "Yes",
        "number_of_land": "More than 3 farms",
        "owner_caretaker": "Rental",
        "owns_a_bank_account": "Yes",
        "size_of_farm": "below 25 hectares",
        "years_cultivating": "10 to 15 years"}

requests.post('http://127.0.0.1:5000/api/scorecard/add', json=data).json()
```

Out[47]: {'message': 'Success!Add capital!Add character!Add collateral!Add capacity!Add condition
s!'}

In [48]: `# Load scorecard`

```
requests.get('http://127.0.0.1:5000/api/scorecard/bvn=10').json()
```

Out[48]: [{ 'id': 47,
 'bvn': '10',
 'age': '35 to 45',
 'number_of_land': 'More than 3 farms',
 'address': 'Located in different area',
 'owner_caretaker': 'Rental',
 'crop': 'Food crops',
 'intercropping': 'Mixed cropping',
 'machines': 'Yes',
 'estimate_monthly_income': 'Less than 500,000',
 'years_cultivating': '10 to 15 years',
 'gender': 'Male',
 'owns_a_bank_account': 'Yes',
 'size_of_farm': 'below 25 hectares',
 'number_of_crops': 'Yes',
 'is_in_a_cooperative': 'Yes',
 'no_of_agronomist_visits': 'Less than once a month',
 'applyLoanAmount': '0',
 'term_months': 'term_months',
 'score': '0.5',

```
'bin': 'D',
'date_created': '2023-01-06 22:17:20.472530'}]]
```

2. Add CropCard

In [49]:

```
# add croppcard
data = {"farmer_name": "Anonymous",
        "age": "35 to 45",
        "bvn": "10",
        "crop_name": "Food crops",
        "fertilizer_cost": "60000",
        "fertilizer": "fertilizer abc",
        "harvest_cost": "60990",
        "harvest": "fertilizer abc",
        "fertilizer_cost": "66600",
        "fertilizer": "fertilizer abc",
        "other_cost": "600",
        "others": "fertilizer abc",
        "labour_cost": "34600",
        "labour": "fertilizer abc",
        "mechanization_cost": "66700",
        "mechanization": "fertilizer abc",
        "date_filled": "01/01/2022"
      }

requests.post('http://127.0.0.1:5000/api/croppcard/add', json=data).json()
```

Out[49]: {'message': 'success'}

In []:

```
# Load croppcard
requests.get('http://127.0.0.1:5000/api/croppcard/bvn=10').json()
```

In [50]:

```
# Load scorecard
requests.get('http://127.0.0.1:5000/api/scorecard/bvn=10').json()
```

```
Out[50]: [{ 'id': 47,
  'bvn': '10',
  'age': '35 to 45',
  'number_of_land': 'More than 3 farms',
  'address': 'Located in different area',
  'owner_caretaker': 'Rental',
  'crop': 'Food crops',
  'intercropping': 'Mixed cropping',
  'machines': 'Yes',
  'estimate_monthly_income': 'Less than 500,000',
  'years_cultivating': '10 to 15 years',
  'gender': 'Male',
  'owns_a_bank_account': 'Yes',
  'size_of_farm': 'below 25 hectares',
  'number_of_crops': 'Yes',
  'is_in_a_cooperative': 'Yes',
  'no_of_agronomist_visits': 'Less than once a month',
  'applyLoanAmount': '47795.0',
  'term_months': 'term_months',
  'score': '0.75',
```

```
'bin': 'B',  
'date_created': '2023-01-06 22:17:20.472530'}]]
```

In []:

In []: