Use case:

**User**

Import cv2,numpy

**Load**

**Evocation**

**threshold**

**classification**

**Output**

Class diagram:

**Insert**

**Conversion**

+modules

**Extirpation**

+load()

**Carving**

+process()

**Sharping**

+feature()

**Sk learn**

+classification ()

**Gesture classification**

+Threshold()

Sequence diagram

Programmer

Combination

Conversion

Quality

Carving

Tensor flow

Gesture identification

1 : import()

2 : load()

3 : preprocessing()

4 : operations()

5 : build()

6 : result()

Activity diagram

**Real time video**

**Combination**

**Sharping**

**Sci kit learn**

**Features**

**Tensor flow**

Activity diagram State chart diagram:

**Gesture recognition**

**Real time video**

**Tensor flow**

**Combination**

**Features**

**Sharping**