MGD Web App High level design

mgd-fe (Client)

user inputs → **mgd-main-be**

supplementary final image → mgd-fe

mgd-main-be (BE server)

key-value:
filename - image, sketch, prompt, counter → **Redis**

extract key from segmentation name
add segmentation and sketch to the key-value

image → **Kafka**

segmentation sketch → mgd-main-be

segmentation → **segmentation**

orignal image → segmentation

Kafka

all data → **mgd-inference**

final output image → Kafka

original image → **posemap**

pose map → Kafka

Legend

- Client
- BE server
- ML service