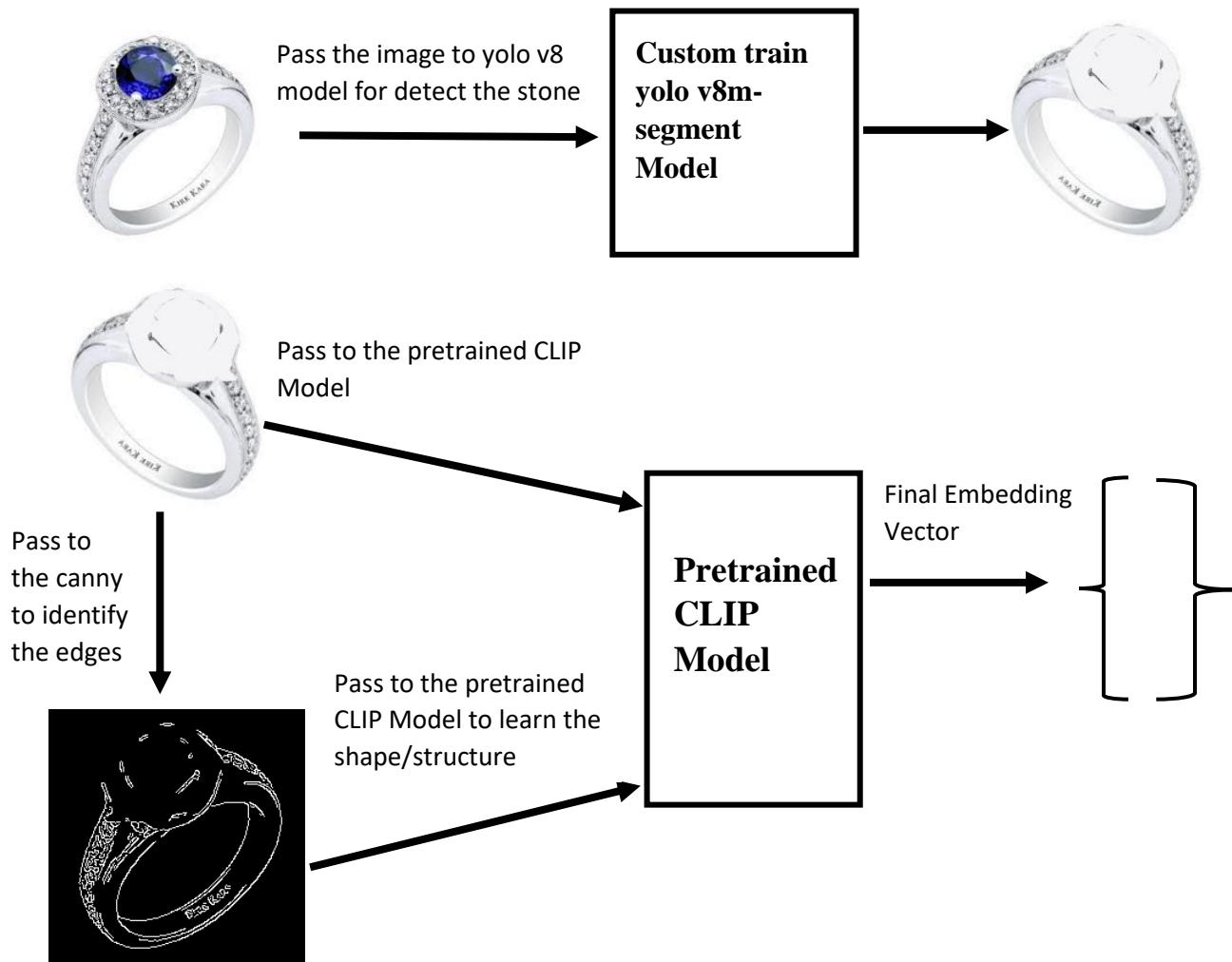


Ring Similarity System

System pipeline:

Image -> Stone Mask -> Encoder (CLIP + Edge + Metal Color) -> Embedding -> Similarity Search -> Top-N



Use the final Embedding vector to find the similarity between catalog and query image then show the top ten results.

Example # 1:

Query Image:



Output Images:



100.0%

ring_004.jpg.rf.6a0...



89.0%

ring_114.jpg.rf.67...



88.5%

ring_183.jpg.rf.20...



88.2%

ring_077.jpg.rf.7a0...



88.1%

ring_173.jpg.rf.de...



88.0%

ring_182.jpg.rf.c9a...



87.0%

ring_190.jpg.rf.5d...



85.9%

ring_174.jpg.rf.05...

Example # 2:

Query Image:



Output Images:

