1. Face detection: Detect faces in the live video feed using a face detection algorithm, such as the Haar cascade classifier or a deep learning-based detector.
2. Face alignment: Align the detected face to a standard position, which helps to reduce variations in pose and orientation.
3. Face feature extraction: Extract features from the aligned face, such as facial landmarks, eigenfaces, or deep learning-based features.
4. Comparison: Compare the extracted features with the features of the specific face image in your database.
5. Verification: If the similarity between the two sets of features exceeds a certain threshold, verify that the person in the live video feed is the same as the person in the database image.

**Algorithms**

* FaceNet: A deep learning-based algorithm that uses a triplet loss function to learn a compact face representation.
* VGGFace: A deep learning-based algorithm that uses a convolutional neural network (CNN) to extract face features.
* OpenFace: An open-source face recognition library that provides a range of face verification algorithms.

Example for live video face detection: <https://www.youtube.com/watch?v=pQvkoaevVMk>

Example: <https://www.javatpoint.com/face-recognition-in-python>