Creating a full-fledged AI application for face detection and recognition is a complex task, but I can provide you with an outline of the steps involved:

1.Setting Up the Environment: Choose a programming language (e.g., Python). Install necessary libraries such as Open CV, TensorFlow, or PyTorch.

2.Data Collection: Gather a dataset of faces for training a recognition model if required.

3.Face Detection: Utilize pre-trained models like Haar cascades or deep learning-based detectors like Single Shot Multi Box Detector (SSD) or Faster R-CNN for face detection. Extract faces from images or frames of videos.

4.Face Recognition (Optional):Train a face recognition model using Siamese networks, ArcFace, or similar methods. You’ll need a labeled dataset for this.

5.Integration:Integrate the face detection and recognition components into your application. Use Open CV for image and video processing.

6.User Interface (UI):Create a user-friendly interface for users to upload images or videos.

7.Testing and Evaluation: Test the application with a variety of images and videos to ensure accuracy.

8.Optimization:Optimize the models for better performance and speed.

9.Deployment:Deploy the application on the platform of your choice (e.g., desktop, web, or mobile).

10.Continuous Improvement: Continuously update the model with new data to improve recognition accuracy.

Remember that developing a face recognition system involves ethical considerations, especially regarding privacy and data security. Ensure you comply with applicable laws and guidelines, and obtain proper consent when dealing with personal data. This is a high-level overview, and the actual implementation can be quite detailed and may involve various deep learning frameworks and tools depending on your preferences and platform choice.