

STEPS OF TESTING OF MODULES

1. Face detection module:

- Test the module with different lighting conditions and angles.
- Verify if the module can detect multiple faces simultaneously.
- Test the module with different face sizes and positions.
- Verify if the module can detect faces in real-time.

2. Face recognition module:

- Test the module with different faces and verify if it can recognize them accurately.
- Test the module with multiple faces and verify if it can identify them correctly.
- Verify if the module can handle variations in facial expressions, glasses, and facial hair.
- Test the module with low-resolution images and verify if it can still recognize the faces.

3. Attendance management module:

- Test the module to ensure that it can record the attendance of individuals accurately.
- Verify if the module can handle scenarios where multiple individuals are present at the same time.
- Test the module with different types of attendance systems, such as fingerprint and RFID.