

Jeevan Pramaan Face App 3.6

Minimum Requirements for Mobile Phones to run Jeevan Pramaan face application

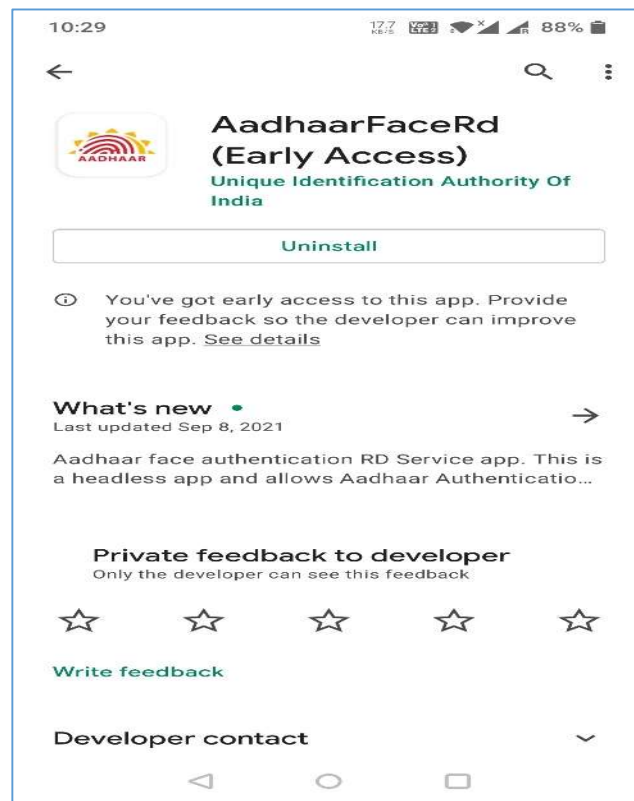
1. Android 7.0 (SDK 24) or greater
2. RAM - 4+ GB
3. Storage - 64 GB (Minimum 500 MB free storage space)
4. Camera Resolution - 5MP or greater
5. Face RD Service (AadhaarFaceRd)

Note: Android OS--However, rooted mobiles, where OS of the mobile has been changed, cannot be used.

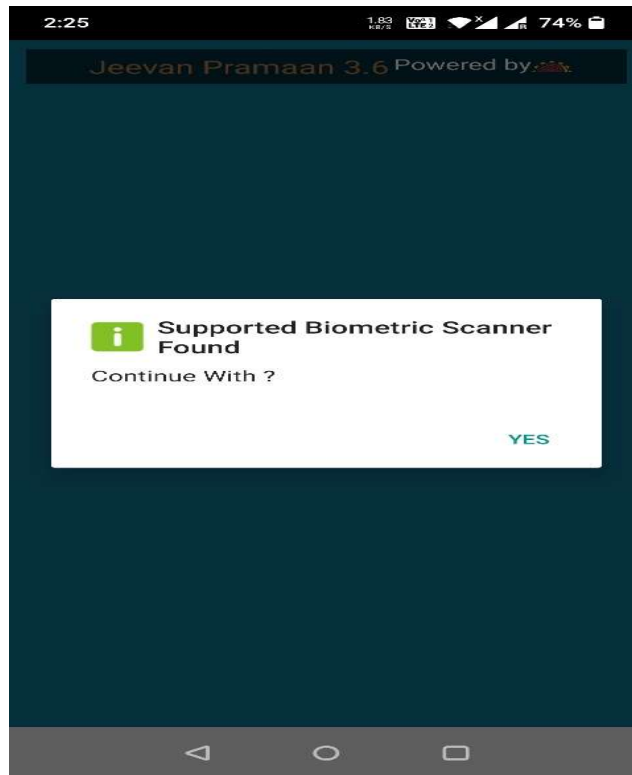
Download & Installation

1. The user also needs to install the Face RD Service provided by UIDAI. It is available on play store as shown below:

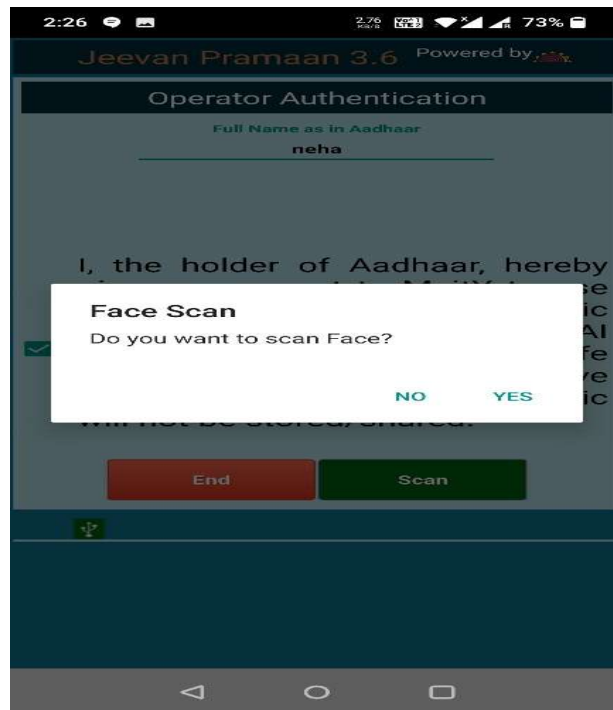
<https://play.google.com/store/apps/details?id=in.gov.uidai.facerd>



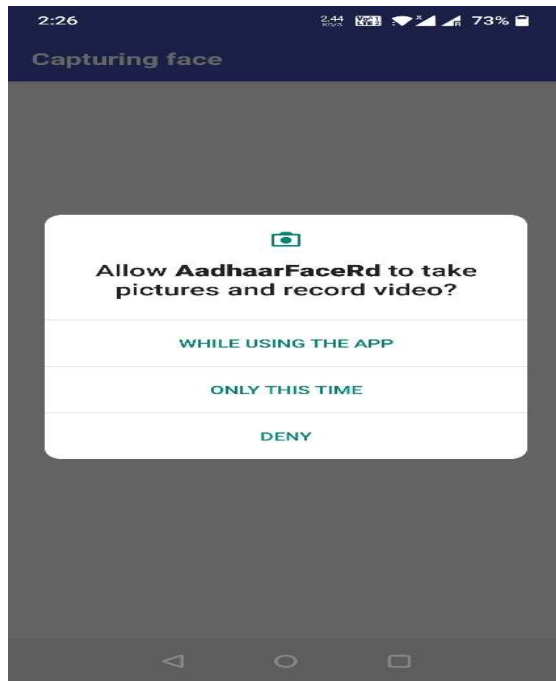
After the Rd service is installed it will be visible in Settings→ App Info as shown in screenshot below:



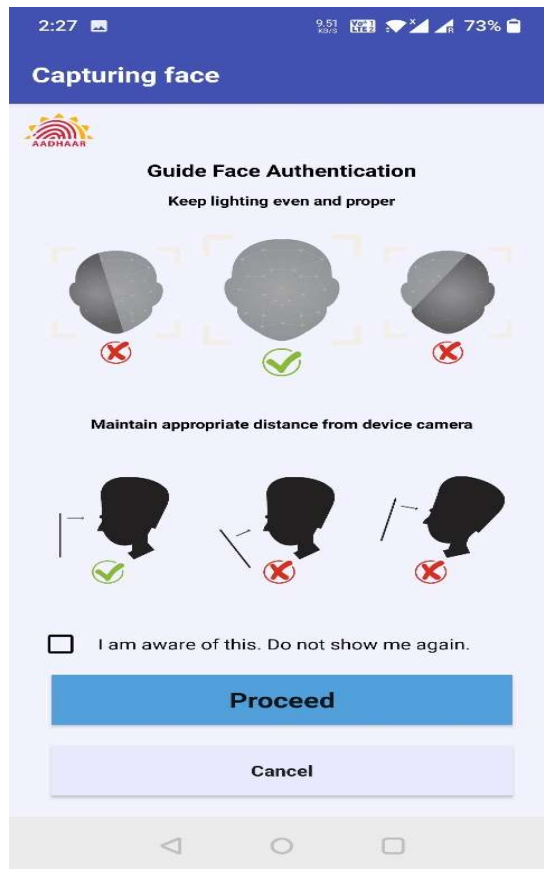
As you proceed to Authentication the following pop-up is shown, Click on yes if you want to proceed towards Face Scan based Authentication:



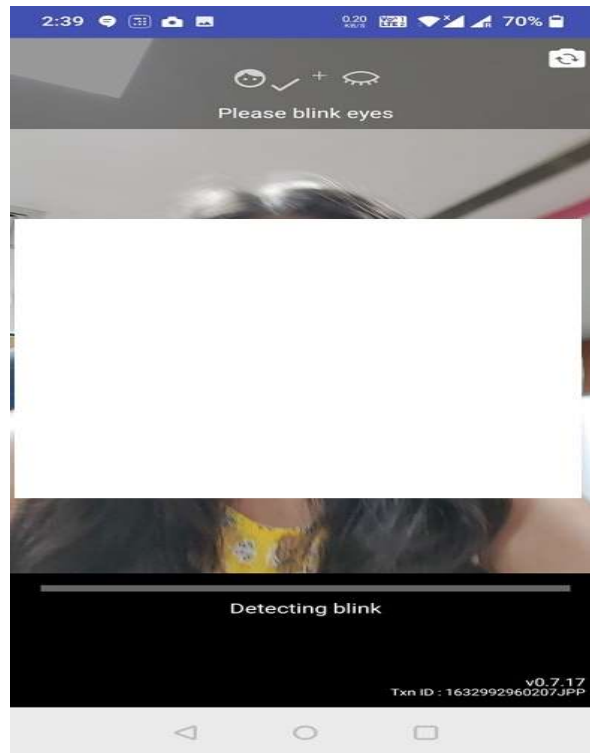
After that you need to allow the permissions shown below in order to proceed further:



The following Guidelines are shown while proceeding towards Face Scan, click on proceed to move towards Face Scan Authentication.



Now while Face Authentication keep your face straight and follow the instructions shown on screen:



For proper results ensure:

1. **Position:** For capturing facial image, it is advisable that adjust the camera at the right distance or in the right posture.
2. Frontal pose needs to be captured i.e. no head rotation or tilt. The Pensioner should be instructed to be seated properly with their back upright and their face towards the camera.
3. It is strongly recommended that the face should be captured with neutral (non-smiling) expression, teeth closed, and both eyes open and looking into the camera.
4. **Illumination:** Poor illumination has a high impact on the performance of face recognition. Proper and equally distributed lighting mechanism should be used such that there are no shadows over the face, no shadows in eye sockets, No light exactly above the ,can cause shadows. Light should be diffused and placed in front of the Pensioner so that there are no shadows under the eye.
5. **Eye Glasses:** If the person normally wears glasses, it is recommended that the photograph be taken with glasses. However, the glasses should be clear and transparent. Dark glasses /tinted glasses should be taken off before taking the photograph.

Some of the actionable feedbacks in software are:

1. No face Found
2. Enrolee too far
3. Pose (Look Straight)
4. Insufficient lighting
5. Very low face confidence
6. Non-uniform lighting (of face in output image)
7. Incorrect background (in output image)
8. Insufficient lighting (bad grey values in face area of output image)