












Anggota Kelompok:







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Tabel 1 dibawah ini adalah hasil pengenalan wajah dari sistem Face Recognition berbasis DeepFace yang kami bangun.


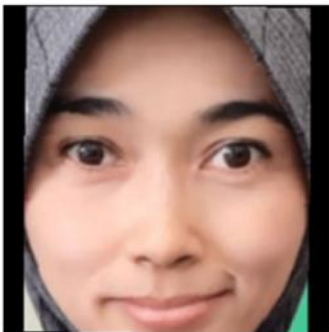




Table 1. Hasil Pengenalan Wajah






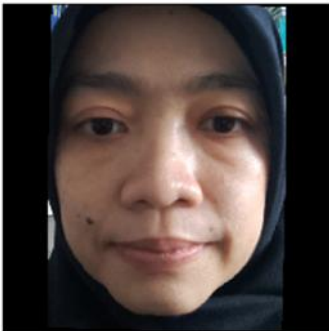

No.	Foto & Label Test	Foto & Label DB	Benar/Salah
1	 /content/drive/MyDrive/faces/test/adiyasa-nurfalah4.jpg	 /content/drive/MyDrive/faces/referensi/riza-ibnu.jpg	Salah
2	 /content/drive/MyDrive/faces/test/riyanto-riyanto2.jpeg	 /content/drive/MyDrive/faces/referensi/handoko-supeno.jpg	Salah
3	 /content/drive/MyDrive/faces/test/unknown-hasanudin.png	UNKNOWN	Benar

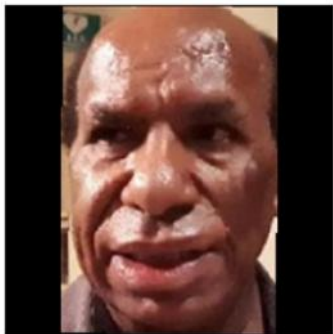





4	 <p>/content/drive/MyDrive/faces/test/unknown-gozali2.jpeg</p>	UNKNOWN	Benar
5	 <p>/content/drive/MyDrive/faces/test/sulthoni-ashiddiqi2.jpg</p>	 <p>/content/drive/MyDrive/faces/referensi/sulthoni-ashiddiqi.jpg</p>	Benar
6	 <p>/content/drive/MyDrive/faces/test/unknown-sandiaga-uno.jpg</p>	UNKNOWN	Benar
7	 <p>/content/drive/MyDrive/faces/test/lathifah-arief3.jpeg</p>	 <p>/content/drive/MyDrive/faces/referensi/lathifah-arief2.jpg</p>	Salah



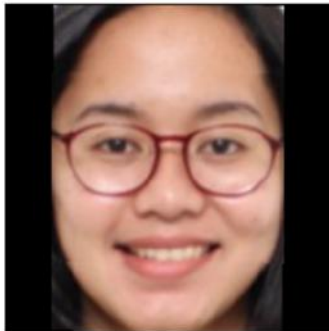




8	 <p>/content/drive/MyDrive/faces/test/imani-ekowicaksono3.jpg</p>	 <p>/content/drive/MyDrive/faces/referensi/sertono-anel.jpg</p>	Salah
9	 <p>/content/drive/MyDrive/faces/test/hartanto-tantriawan2.jpg</p>	 <p>/content/drive/MyDrive/faces/referensi/hartanto-tantriawan.jpg</p>	Benar
10	 <p>/content/drive/MyDrive/faces/test/unknown-putin.jpeg</p>	UNKNOWN	Benar
11	 <p>/content/drive/MyDrive/faces/test/unknown-revalina.png</p>	UNKNOWN	Benar




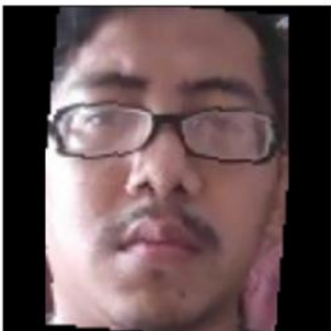


12	 <p>/content/drive/MyDrive/faces/test/rahman-indra4.jpeg</p>	 <p>/content/drive/MyDrive/faces/referensi/varuliantor-dear.jpg</p>	Salah
13	 <p>/content/drive/MyDrive/faces/test/unknown-claus.jpg</p>	 <p>/content/drive/MyDrive/faces/referensi/hartanto-tantriawan.jpg</p>	Benar
14	 <p>/content/drive/MyDrive/faces/test/sartono-arief2.jpg</p>	 <p>/content/drive/MyDrive/faces/referensi/riza-ibnu.jpg</p>	Salah
15	 <p>/content/drive/MyDrive/faces/test/handoko-supeno3.jpg</p>	 <p>/content/drive/MyDrive/faces/referensi/handoko-supeno2.jpg</p>	Benar

16	 /content/drive/MyDrive/faces/test/dewi-tresnawati2.jpg	 /content/drive/MyDrive/faces/referensi/dewi-tresnawati.jpg	Benar
17	 /content/drive/MyDrive/faces/test/luky-ramdani3.jpg	 /content/drive/MyDrive/faces/referensi/reza-budiawan.jpg	Salah
18	 /content/drive/MyDrive/faces/test/unknown-bambang.png	UNKNOWN	Benar
19	 /content/drive/MyDrive/faces/test/unknown-airin2.png	UNKNOWN	Benar


20	 <p>/content/drive/MyDrive/faces/test/unknown-gozali.jpg</p>	UNKNOWN	Benar
21	 <p>/content/drive/MyDrive/faces/test/unknown-ridwan-kamil.jpg</p>	 <p>/content/drive/MyDrive/faces/referensi/varuliantor-dear.jpg</p>	Salah
22	 <p>/content/drive/MyDrive/faces/test/reza-budiawan2.jpg</p>	 <p>/content/drive/MyDrive/faces/referensi/reza-budiawan.jpg</p>	Benar
23	 <p>/content/drive/MyDrive/faces/test/mina-ismu2.jpg</p>	 <p>/content/drive/MyDrive/faces/referensi/mina-ismu.jpg</p>	Benar

24	 <p>/content/drive/MyDrive/faces/test/unknown-silas.jpeg</p>	UNKNOWN	Benar
25	 <p>/content/drive/MyDrive/faces/test/unknown-airin.jpg</p>	 <p>/content/drive/MyDrive/faces/referensi/leni-fitriani.jpg</p>	Benar
26	 <p>/content/drive/MyDrive/faces/test/meza-silvana3.jfif</p>	 <p>/content/drive/MyDrive/faces/referensi/meza-silvana.jpg</p>	Benar
27	 <p>/content/drive/MyDrive/faces/test/unknown-revalina2.jpeg</p>	UNKNOWN	Benar

28	 <p>/content/drive/MyDrive/faces/test/unknown-galgadot.jpg</p>	UNKNOWN	Benar
29	 <p>/content/drive/MyDrive/faces/test/meredita-susanty2.jpg</p>	 <p>/content/drive/MyDrive/faces/referensi/meredita-susanty.jpg</p>	Benar
30	 <p>/content/drive/MyDrive/faces/test/unknown-sby.png</p>	 <p>/content/drive/MyDrive/faces/referensi/handoko-supeno2.jpg</p>	Benar
31	 <p>/content/drive/MyDrive/faces/test/unknown-zelensky.jpeg</p>	 <p>/content/drive/MyDrive/faces/referensi/reza-budiawan.jpg</p>	Benar

32	 <p>/content/drive/MyDrive/faces/test/baud-prananto2.jfif</p>	 <p>/content/drive/MyDrive/faces/referensi/baud-prananto.jpg</p>	Benar
33	 <p>/content/drive/MyDrive/faces/test/unknown-singgih.png</p>	UNKNOWN	Benar
34	 <p>/content/drive/MyDrive/faces/test/riza-ibnu2.jpg</p>	 <p>/content/drive/MyDrive/faces/referensi/riza-ibnu.jpg</p>	Benar
35	 <p>/content/drive/MyDrive/faces/test/unknown-galgadot2.jpg</p>	UNKNOWN	Benar

36	 <p>/content/drive/MyDrive/faces/test/unknown-wisnu.jfif</p>	UNKNOWN	Benar
37	 <p>/content/drive/MyDrive/faces/test/adiyasa-nurfalah3.jpeg</p>	 <p>/content/drive/MyDrive/faces/referensi/baud-prananto.jpg</p>	Salah
38	 <p>/content/drive/MyDrive/faces/test/rahman-indra3.jpeg</p>	 <p>/content/drive/MyDrive/faces/referensi/handoko-supeno.jpg</p>	Salah
39	 <p>/content/drive/MyDrive/faces/test/riyanto-riyanto3.jpeg</p>	 <p>/content/drive/MyDrive/faces/referensi/baud-prananto.jpg</p>	Salah

40	 /content/drive/MyDrive/faces/test/unknown-junaedi.png	UNKNOWN	True
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Berikut adalah setting konfigurasi yang menghasilkan akurasi terbaik:

- **Model Face Recognition** : **ArcFace**
- **Backend Face Detection** : **RetinaFace**
- **Distance Metric** : **Cosine**
- **Unknown-Class Distance Threshold** : **0.55**

Berikut komposisi data yang digunakan:

- Jml. Foto di Database: 33
- Jml. Foto Test: **40** (20 known & 20 unknown)

Akurasi yang dihasilkan: **72.5%** (29 correct)