Drone Face Tracking

Is drone facing toward you?
- No → Face it toward you
- Yes → Take off

Take off → Wait for 3 sec and slowly move up

Find Face?
- No → Move up
- Yes → Position drone and wait for 2 sec

Position drone and wait for 2 sec → Detect hand signal?

Detect hand signal?
- No → Land if hand signal is not detected after 10 sec
- Yes → Enable Face Tracking

Future Features
- Safety feature for landing will need to implement
- Face recognition will need to implement to track only one face

Enable Face Tracking → Detect hand signal?

Detect hand signal?
- No → Is face in the center?
- Yes → Land

Is face in the center?
- No → Is face on the left?
- Yes → Is face close to camera?

Is face on the left?
- No → Move to left
- Yes → Move to the right

Is face close to camera?
- No → Move forward
- Yes → Move backward

Land