

Explain your idea in detailed steps, from the goal you're trying to achieve to the specific tasks/actions that will need to be done. In case you feel limited in explaining your idea here then you can submit a link of the Google Doc file here as well. Just be sure, that you share the Google doc with correct permissions (i.e. View by anyone with the link).

EMOJI FILTER

- Emoji Filter helps the user to express the emotions through emojis on the face.
- When the user opens it, on the screen there will be a set of options of emojis at the bottom, camera button to take the picture and face of the user will be displayed on the screen.
- Proper instruction such as “KEEP YOUR CAMERA IN POSITION” will be shown on the screen.
- An instruction “EXPRESS A CHARACTER ON YOUR FACE” will be shown on the top of the screen when the camera is in the right position.
- Then the device recognises the facial expression (for eg: winking face) & keep a track on the human face in the scene, and overlay a matching emoji character (virtual content, for eg: the winking face emoji) on the face.
- When the user rotates the head it follows the head movement.
- Emojis fit the face perfectly.
- There is option for the user to switch the emojis by tapping on the emoji at the bottom or by changing the facial expression directly.