```
import mediapipe as mp
mp_drawing = mp.solutions.drawing_utils
mp drawing styles = mp.solutions.drawing styles
mp_face_mesh = mp.solutions.face_mesh
# Creating a variable to store the video using the '.VideoCapture()' function.
cap = cv2.VideoCapture(r"C:\Users\gauri\Desktop\OpenCV Media\To Plan or Not to Plan_.mp4")
with mp_face_mesh.FaceMesh(
        max_num_faces=1,
        min_detection_confidence=0.5,
        min_tracking_confidence=0.5) as face_mesh:
    while cap.isOpened():
        # Capturing the video frame by frame using the '.read()' method.
success, image = cap.read()
        if not success:
            print("Ignoring empty camera frame.")
            continue
        image.flags.writeable = False
        image = cv2.cvtColor(image, cv2.COLOR_BGR2RGB)
        results = face_mesh.process(image)
        image.flags.writeable = True
        image = cv2.cvtColor(image, cv2.COLOR_RGB2BGR)
        if results.multi_face_landmarks:
            for face_landmarks in results.multi_face_landmarks:
                mp_drawing.draw_landmarks(
                     image=image
                     landmark_list=face_landmarks,
                    connections=mp_face_mesh.FACEMESH_TESSELATION,
                     landmark drawing spec=None
                    connection_drawing_spec=mp_drawing_styles.get_default_face_mesh_tesselation_style())
                mp_drawing.draw_landmarks(
                     image=image,
                     landmark_list=face_landmarks,
                    connections=mp_face_mesh.FACEMESH_CONTOURS,
                     landmark drawing spec=Non
                    connection_drawing_spec=mp_drawing_styles.get_default_face_mesh_contours_style())
        cv2.imshow('Face Mesh using Mediapipe', image)
    # '.waitkey(1)' displays a frame for 1ms after which it moves to the next frame in the video.
        if cv2.waitKey(5) \& 0xFF == ord('x'):
cap.release()
```