

State Diagram-

The system can be operated by three different ways i.e. it can be Voice controlled, hand gesture controlled, eye movement control. So we have three State Diagrams -

- 1) Moving Hand By users voice command.
- 2) Mimicing The Hand Gestures.
- 3) Moving Hand By users eye movement

1. Moving Hand By users voice command

In this part, system will start listen to users voice. Convert it into Text And Detect Valid Command.then As per command control signal will generate and sends it to the processor responsible for movement of the hand and the processor process the data and move hand as users command.

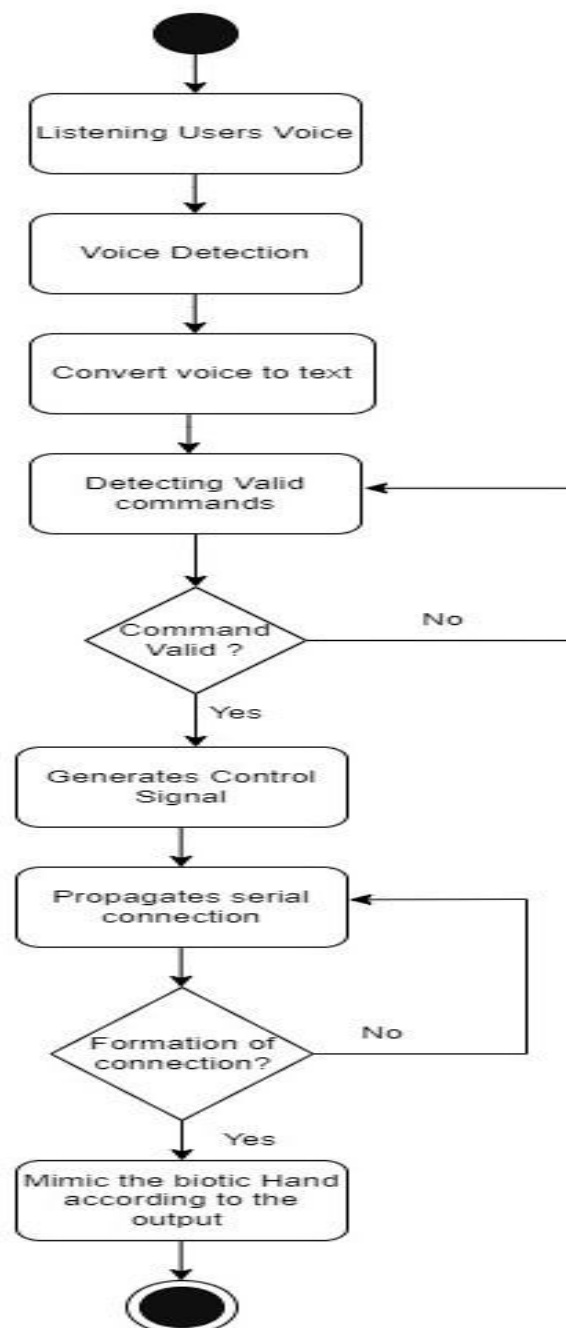


Fig2. Moving Hand By users voice command

2. Mimicing The Hand Gestures.

After starting system will try to detect hand of the user then spot all the points based on the co-ordinates a valid command detected.then As per command control signal will generate and sends it to the processor responsible for movement of the hand and the processor process the data and move hand as users command.

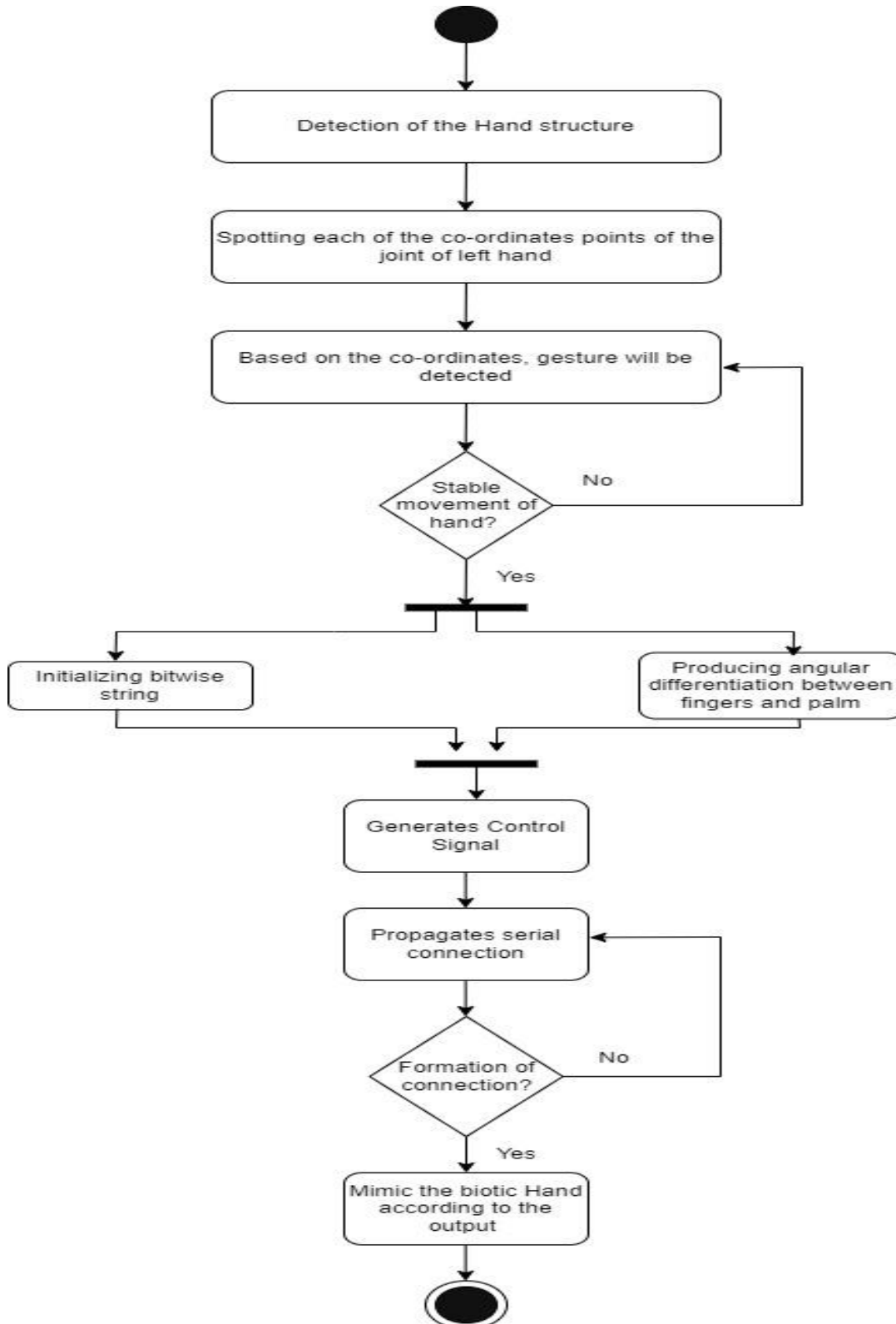


Fig3. Mimicking The Hand Gestures

3. Moving Hand By users eye movement

Initially system will try to detect users face then start capturing eye movement spot all the points and based on the co-ordinates of pupil a valid command detected.then As per command control signal will generate and sends it to the processor responsible for movement of the hand and the processor process the data and move hand as users command.

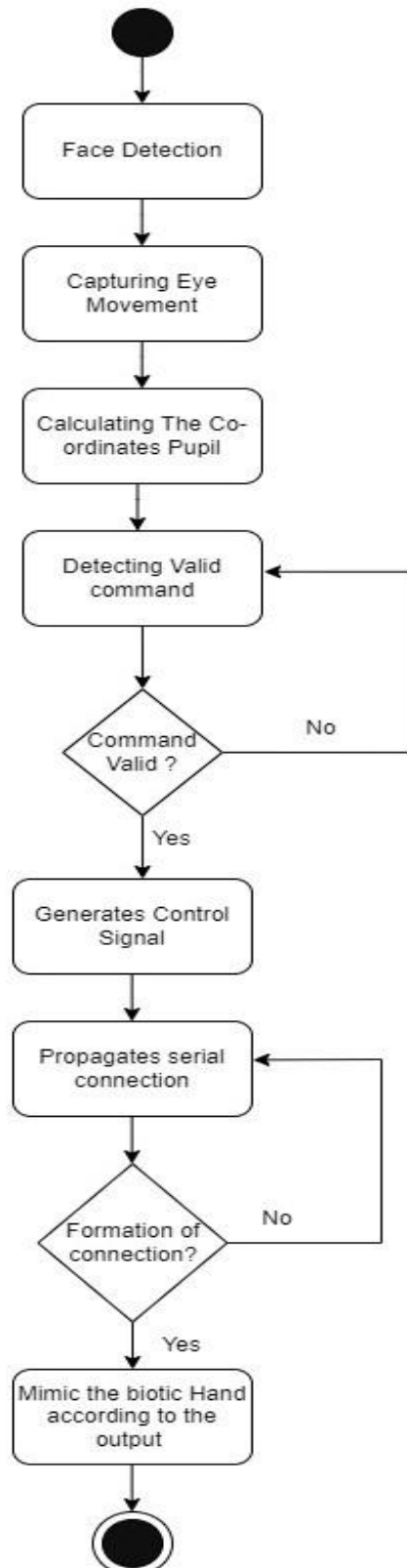


Fig1. State Diagram of Moving Hand By users eye movement