



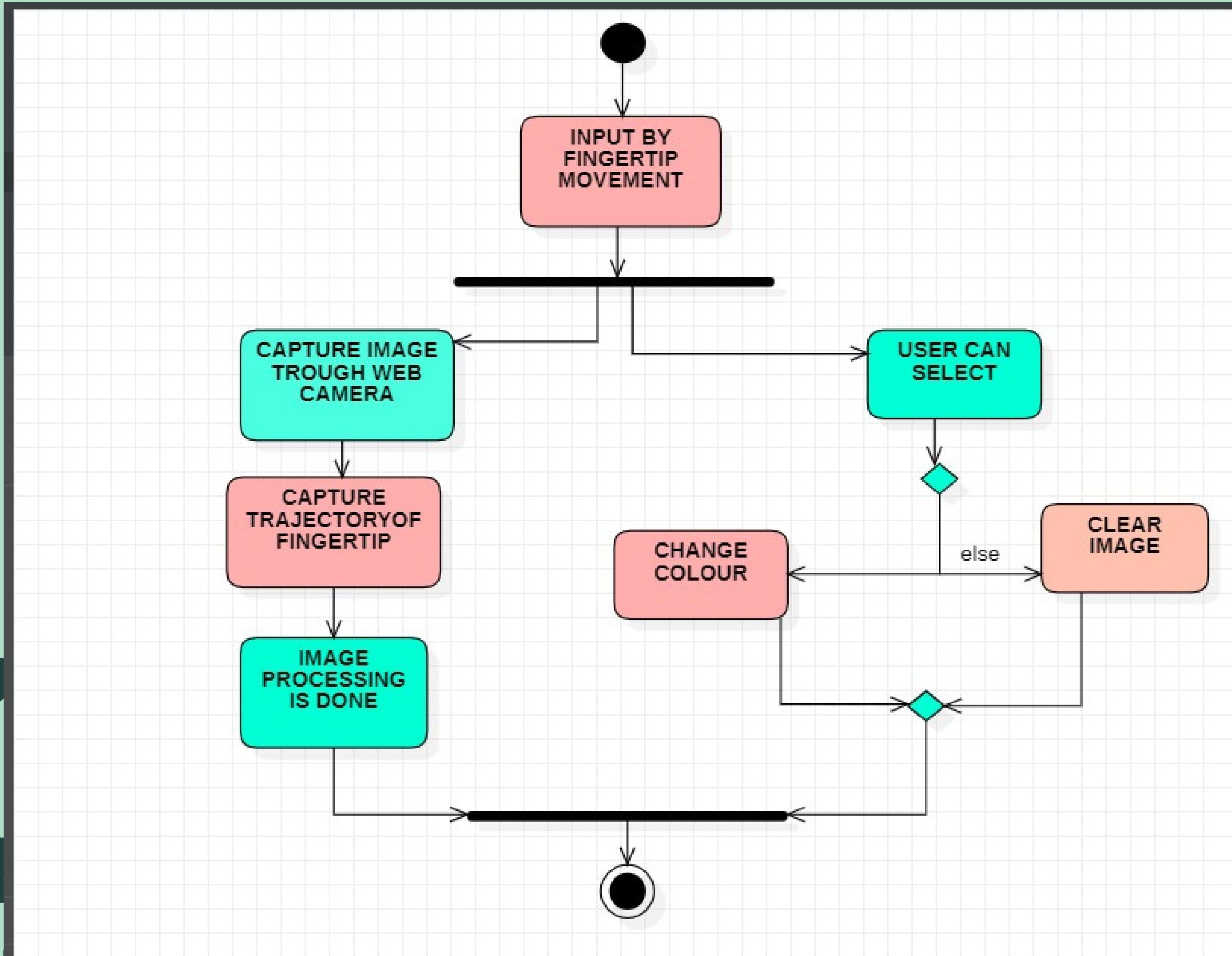
AIR CANVAS USING PYTHON OPEN CV

GROUP: 4C

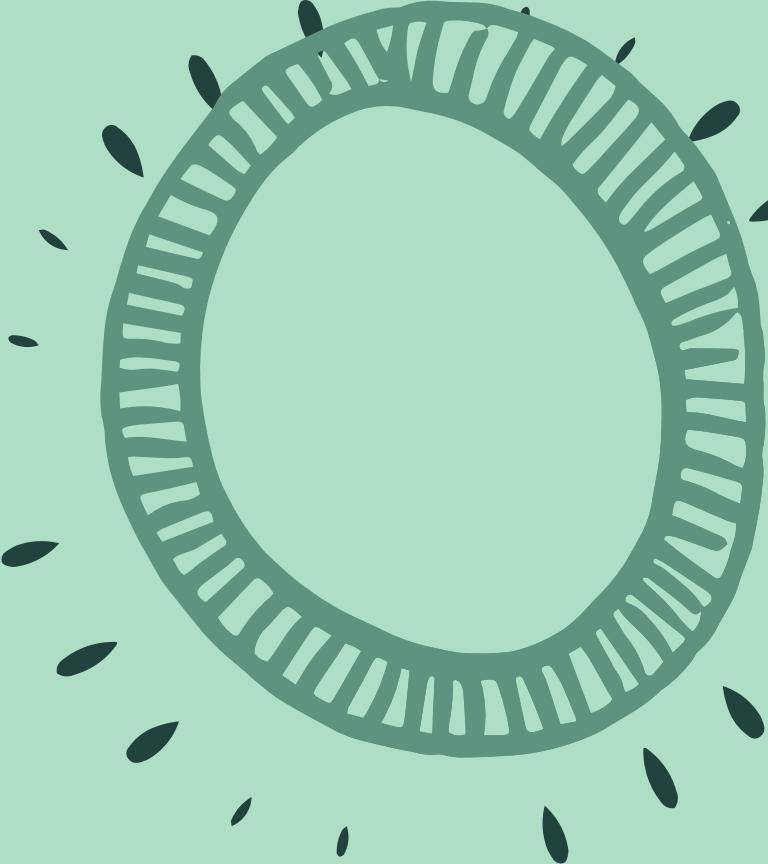
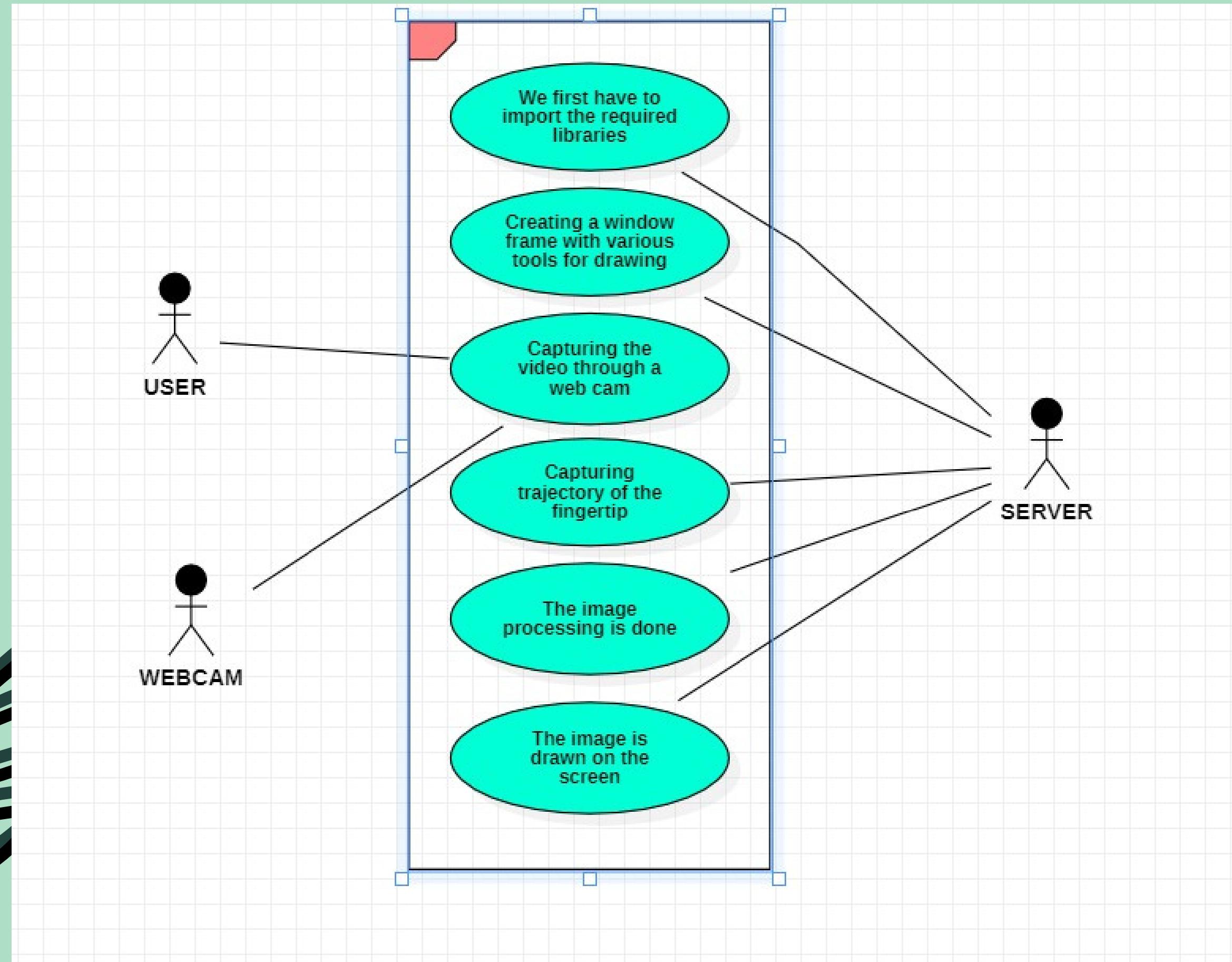
ABSTRACT

- Ever wanted to draw your imagination just by waving your finger in the air?
- Drawing in air has been one of the most fascinating and challenging research areas in field of image processing and pattern recognition in the recent years.
- It contributes immensely to the advancement of an automation process and can improve the interface between man and machine in numerous ways.
- With the advancement in technology, the need of development of natural "human - computer interaction systems" to replace traditional systems is increasing rapidly.

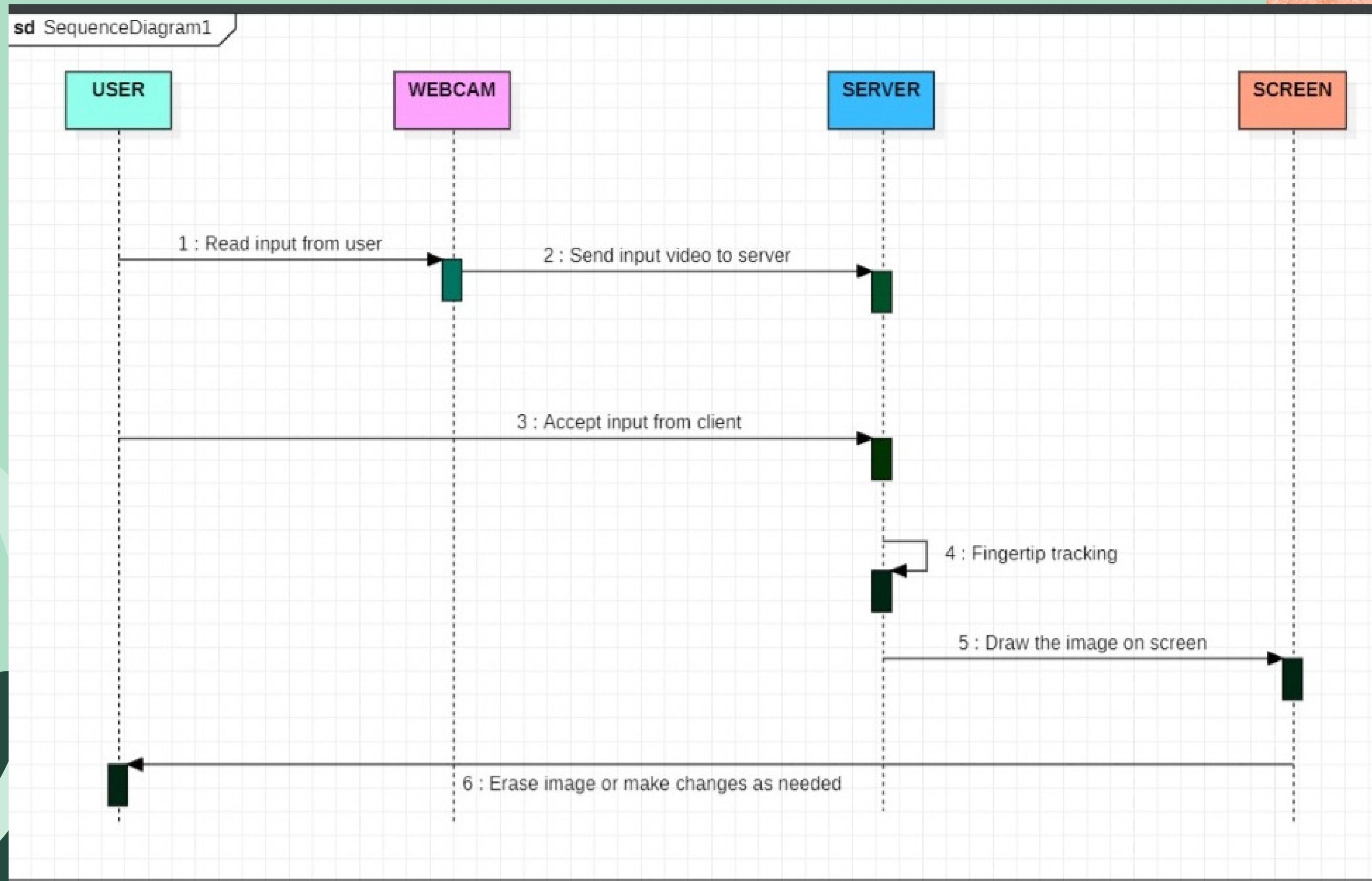
ACTIVITY DIAGRAM



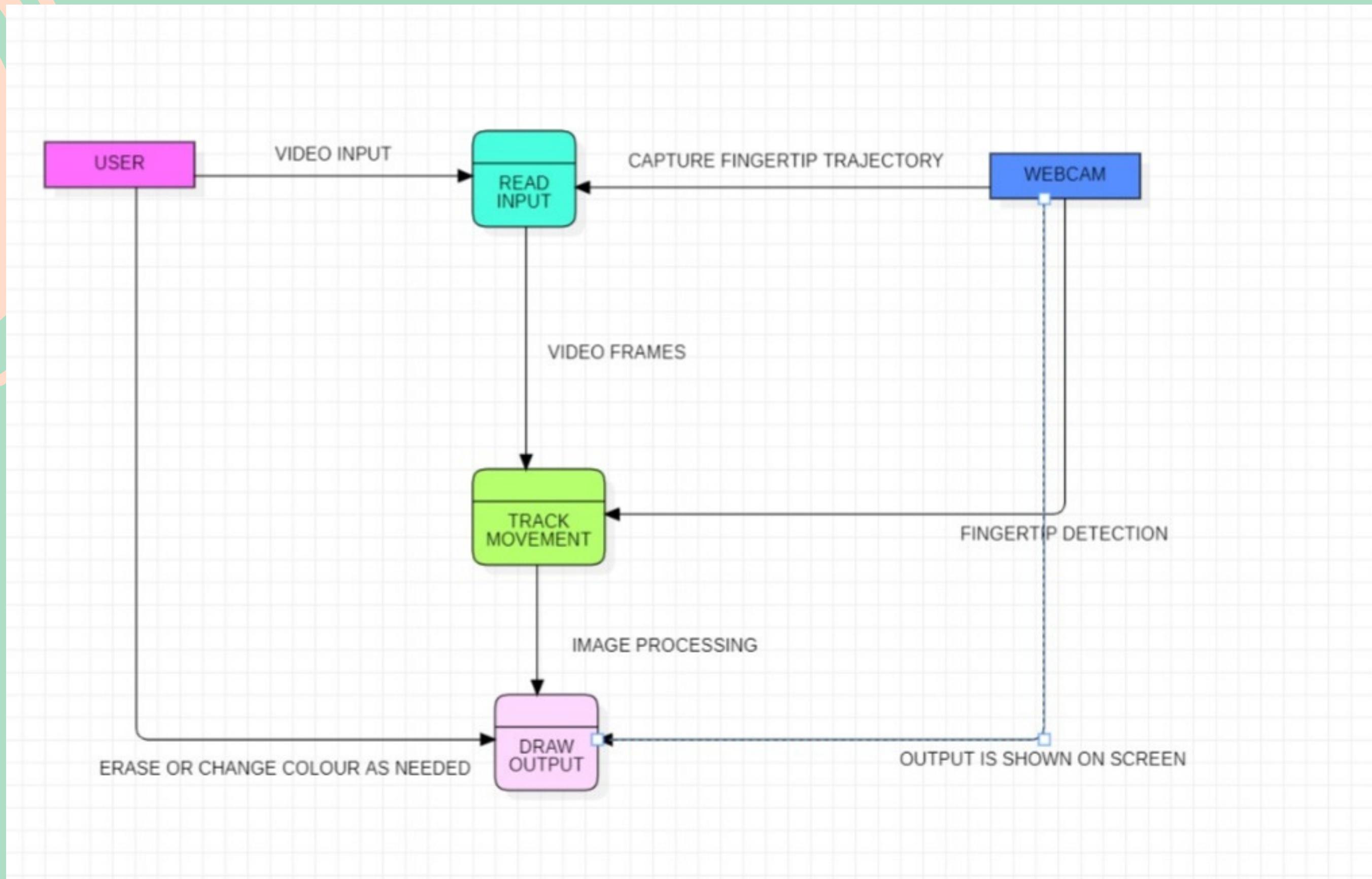
USE CASE DIAGRAM



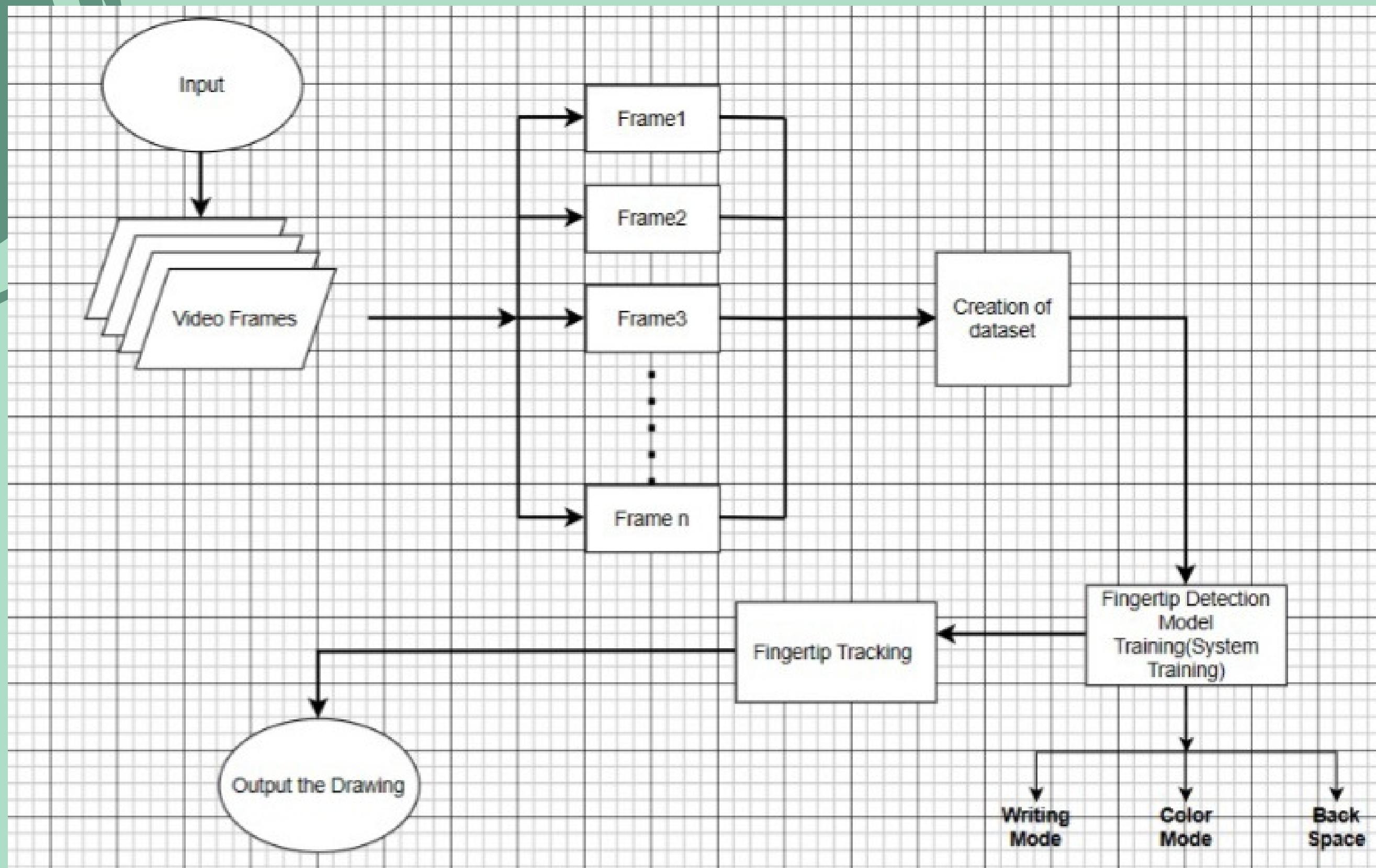
SEQUENCE DIAGRAM



DATAFLOW DIAGRAM



SYSTEM ARCHITECTURE



THANK YOU

PROJECT GUIDE:

- K. Swapnika-Assistant

Professor, GRIET

TEAM MEMBERS:

- Y. Ambika(20241A12H9)
- C. Avanthika Srivatsa(20241A12C7)
- B. Pushpanka Naidu(20241A12C4)