The background is a light gray gradient. In the top left corner, there are several realistic water droplets of varying sizes. In the top right corner, there are three small black dots and a single white button with a black dot in the center. The main text is centered within a light beige rectangular box with a thick black border.

AUTOMATED PALSY MACHINE

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PROBLEM IDENTIFIED

- Stroke can cause paralysis, low level physical fitness and results in incoordination and imbalance.
- Due to the lack of accuracy in the work of man power in the field of physiotherapy, invasion of machine occurred.
- These machine assists stroke patients like how a physiotherapist assists them to do physiotherapists movements, but a major flaw of these machine's is that it can only assist a patient to do only two exercises namely Flexion, Extension and till now there is no machine to assist movements for palm and feet.
- High-quality physiotherapy devices often come with soaring prices and high maintenance.

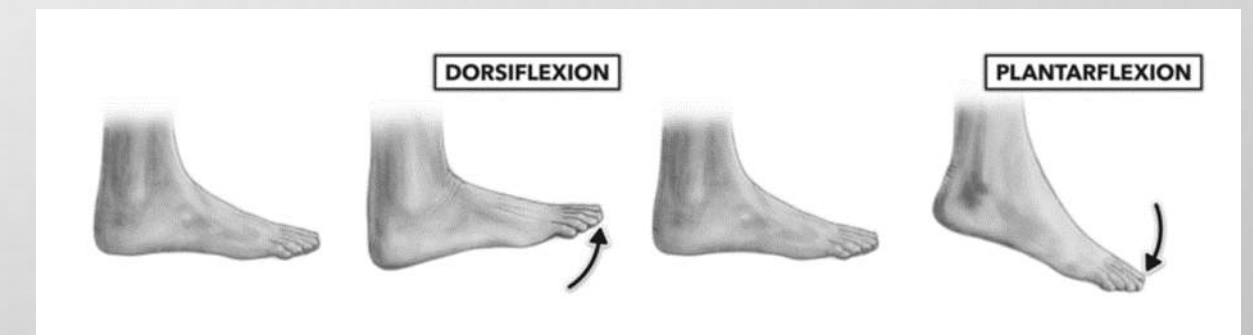
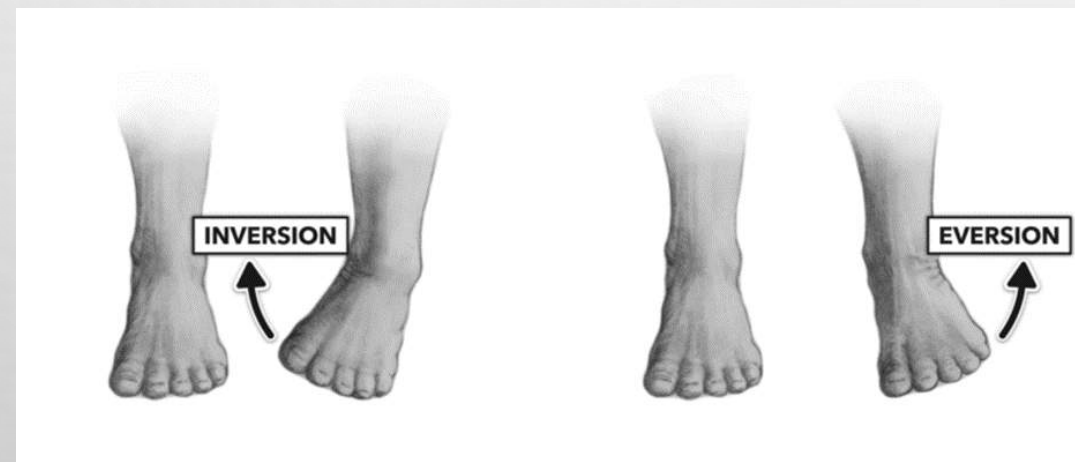
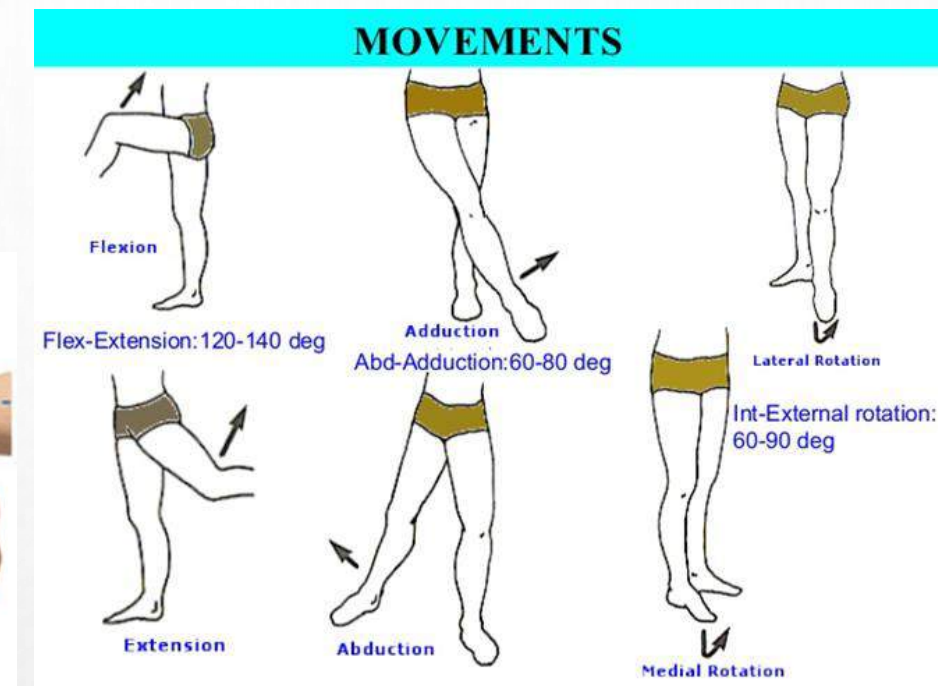
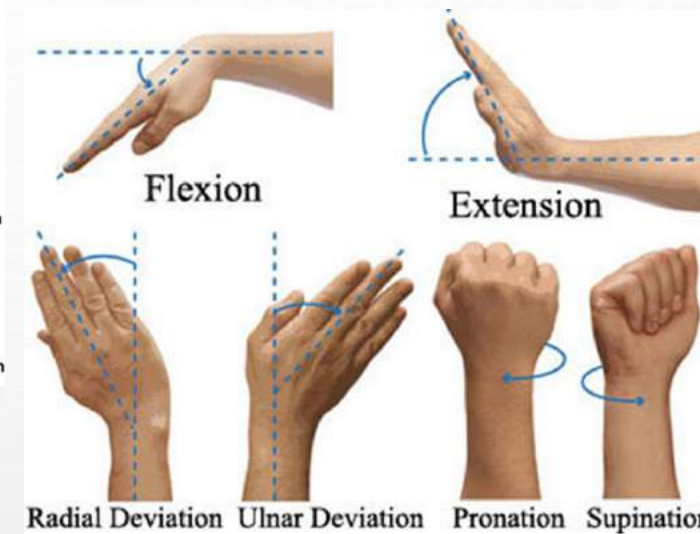
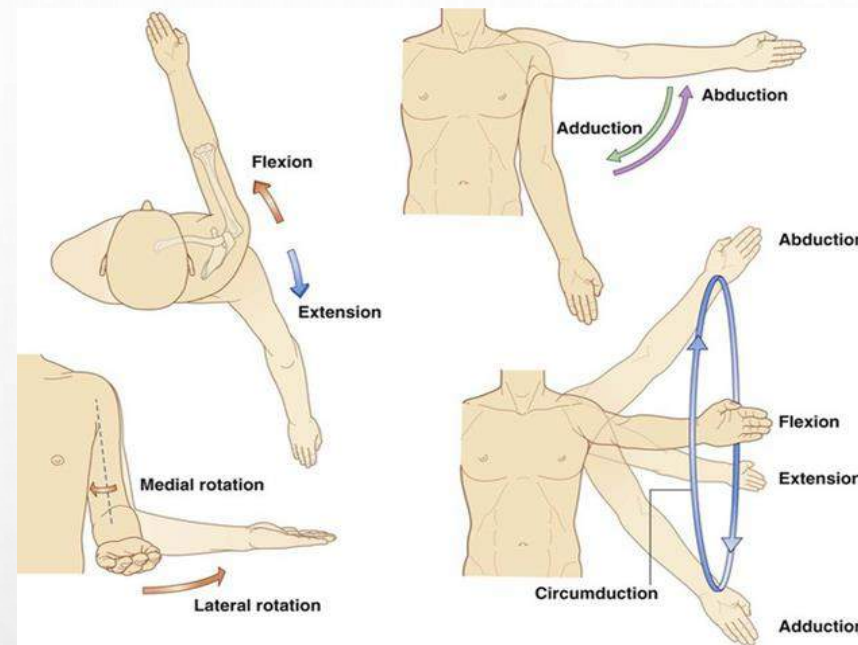


SOLUTION PROPOSED



For this problem we have designed a machine which can withstand regular use by stroke patients with a variety of needs, different body types at affordable price.

This machine can assist all physiotherapy movements in a single device which assists upper limb(hand), lower limb(leg), palm and feet.



AVAILABLE DEVICE

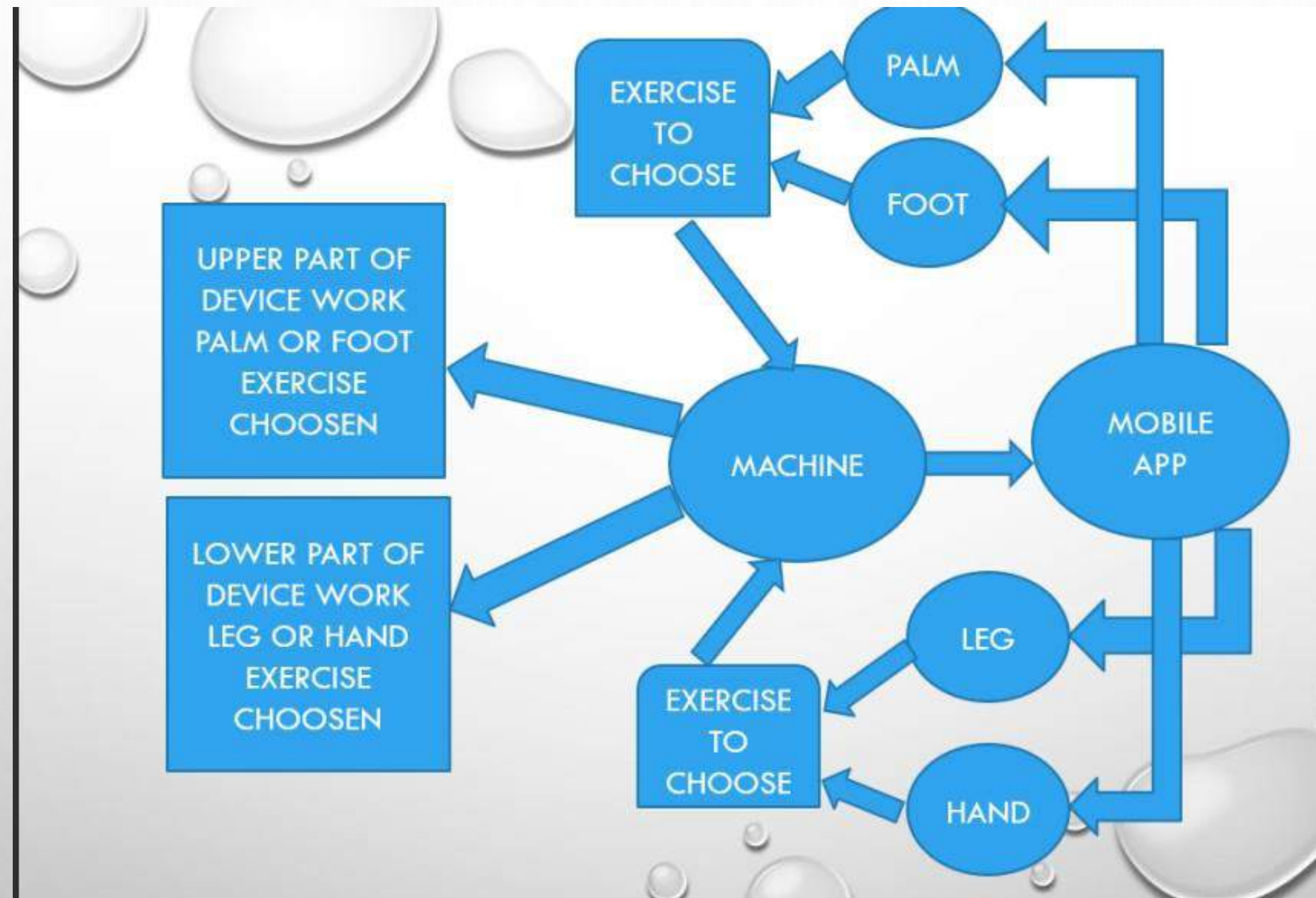


CPM MACHINES

- The Continuous Passive Motion (CPM) is the only device
- available for physiotherapist which functions upper limb and
- lower limb exercise that can do only flexion and extensions movements.



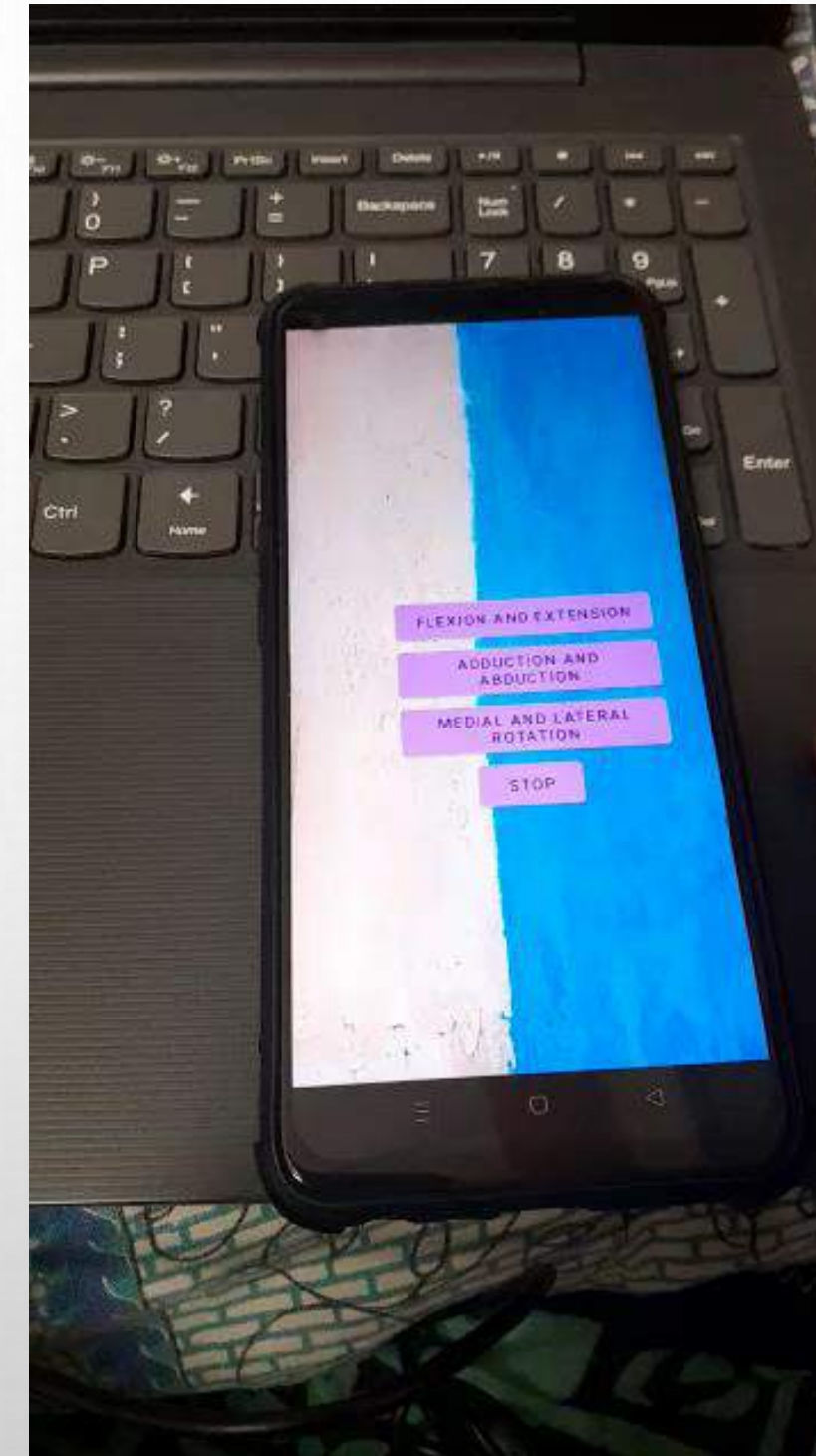
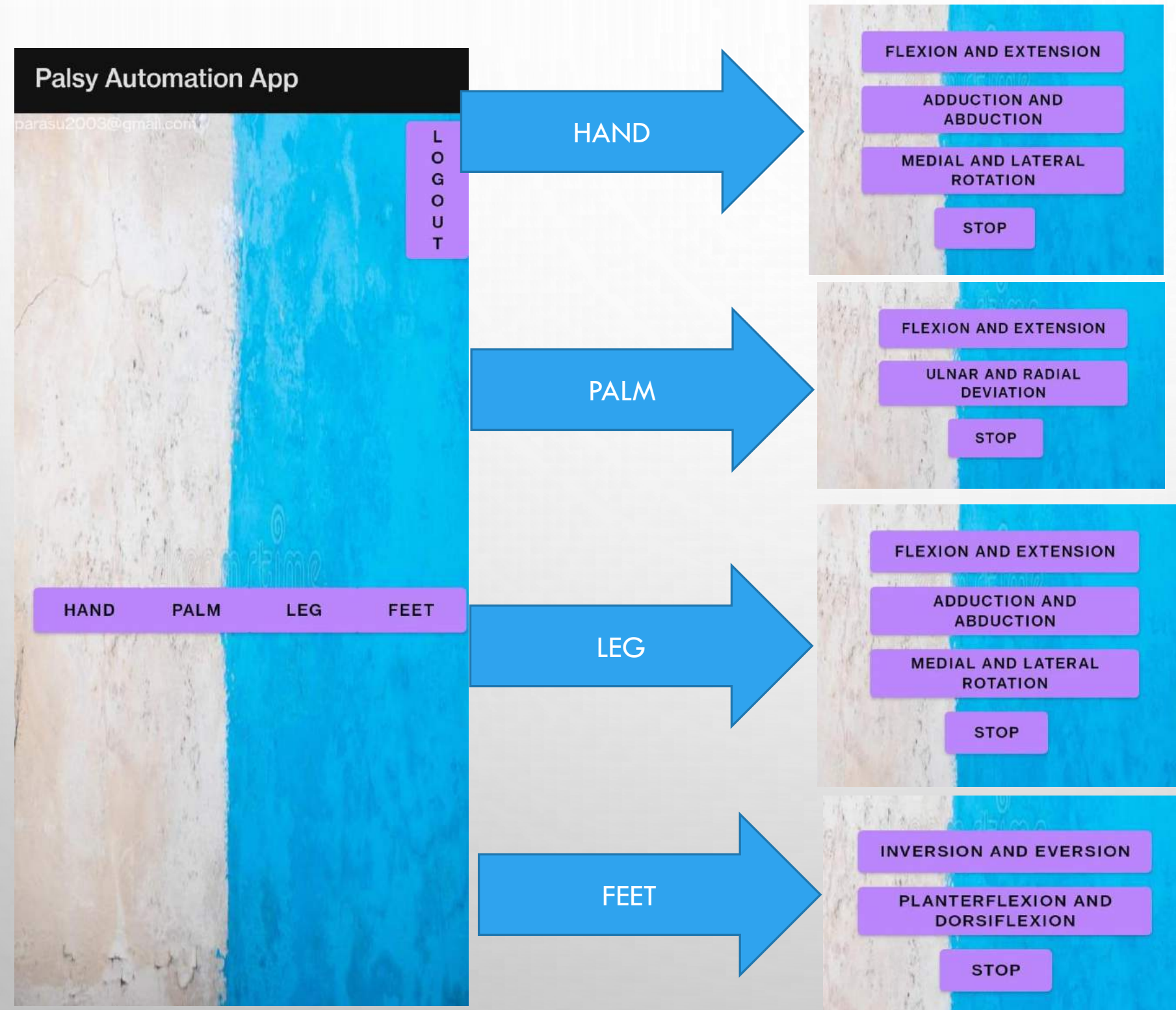
WORKING AND BLOCK DIAGRAM



WORKING OF MACHINE VIDEO



ANDROID APPLICATION



COMMERCIAL VIABILITY

- This product is used to support physiotherapist to handle multiple patients at time
- The average physiotherapist earn 15000 per month in India. If this device is used time will be saved and the earning will be increased to 25-30k per month.
- This product has an over 10lakh+ on market

UNIQUE VALUE PROPOSITION

- Accuracy is more than the physical treatment
- All sorts of movements can be done
- Perfect user friendly device
- Multiple device can be handled using the app
- In future to work for all sorts of physiotherapeutic movements apart from this will be developed



THANK YOU
