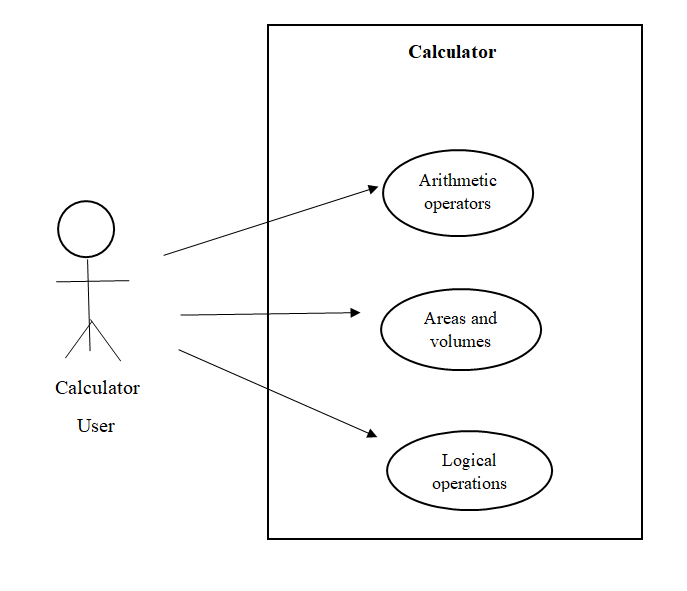
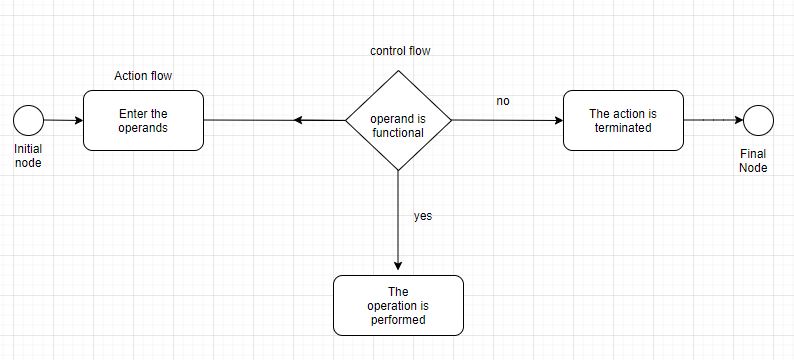
**High level Design:**

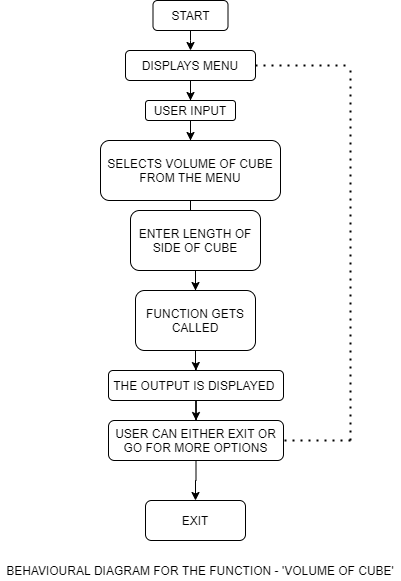
**1 Structural diagram:**



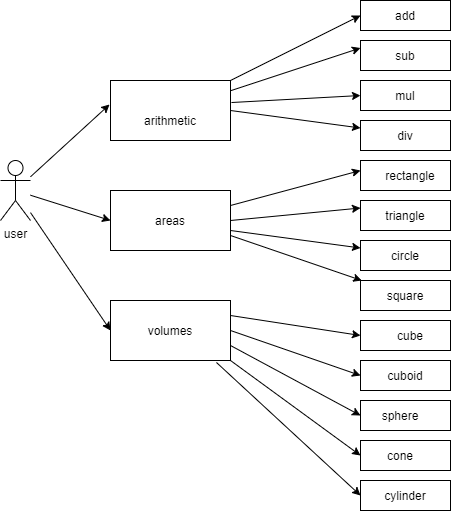
**2 Behavioural diagram:**

****

**3. Low Level Behavioural Diagram**

****

**4 low level structural design**

****