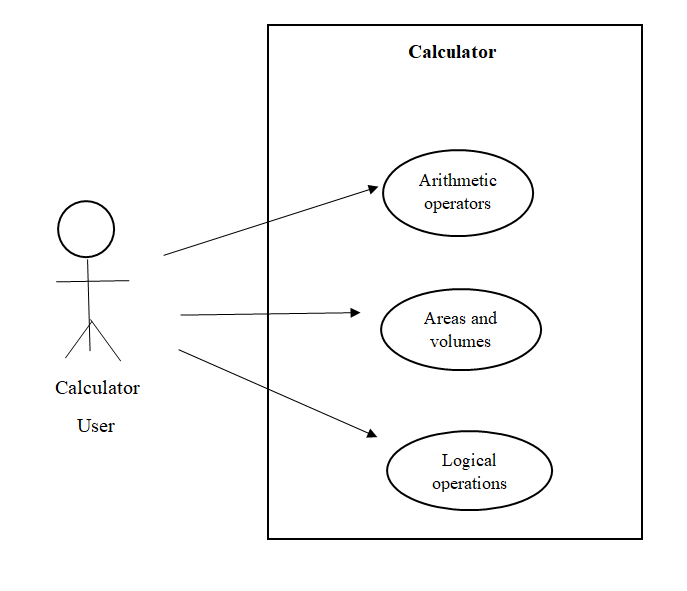
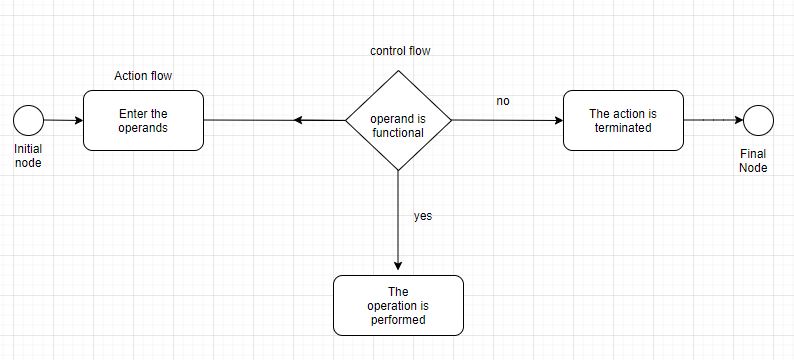
**High level Design:**

**1 Structural diagram:**



**2 Behavioural diagram:**

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