### Design

**Component diagram**

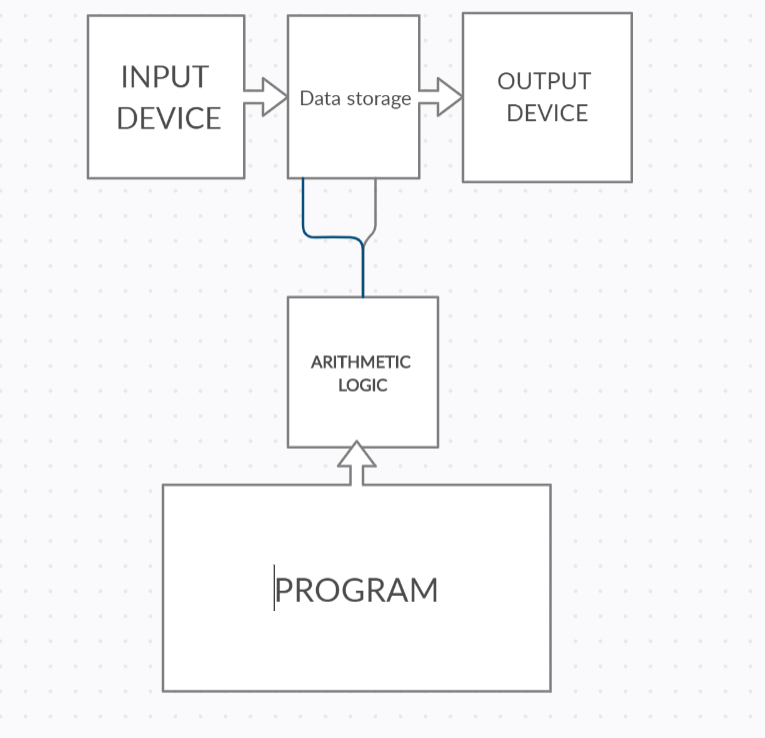


Figure 3. Component diagram for calculator

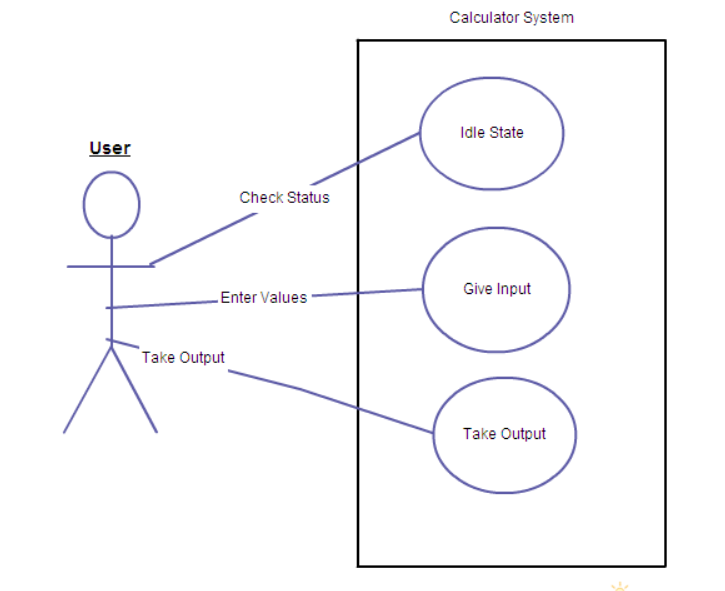


Figure 4. Use case diagram for calculator

**Use case diagram**

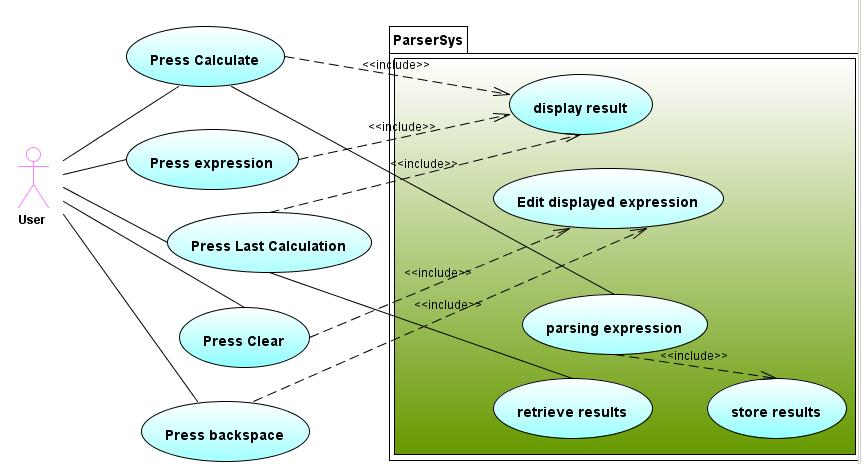
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Figure 5. Use case Diagram for calculator

**UML diagram**

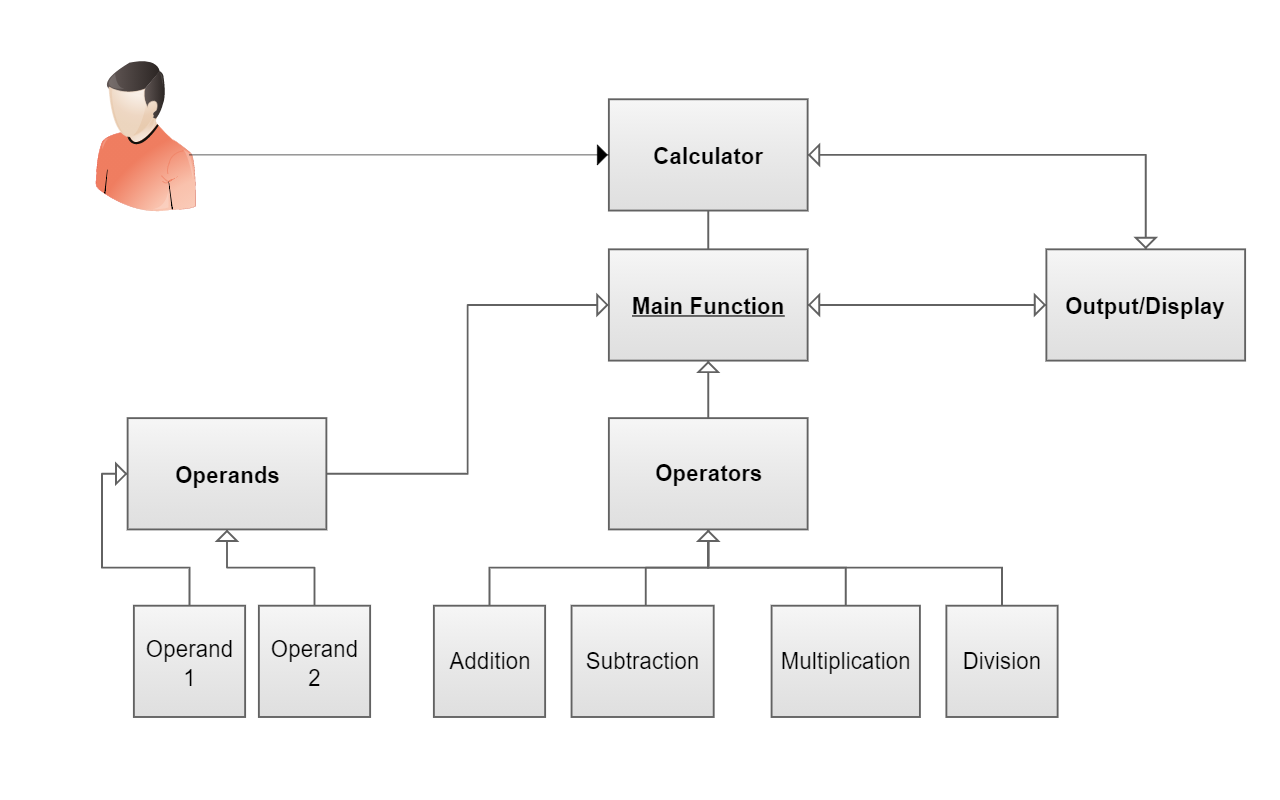
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Figure 6. UML diagram for calculator

**Sequence diagram**

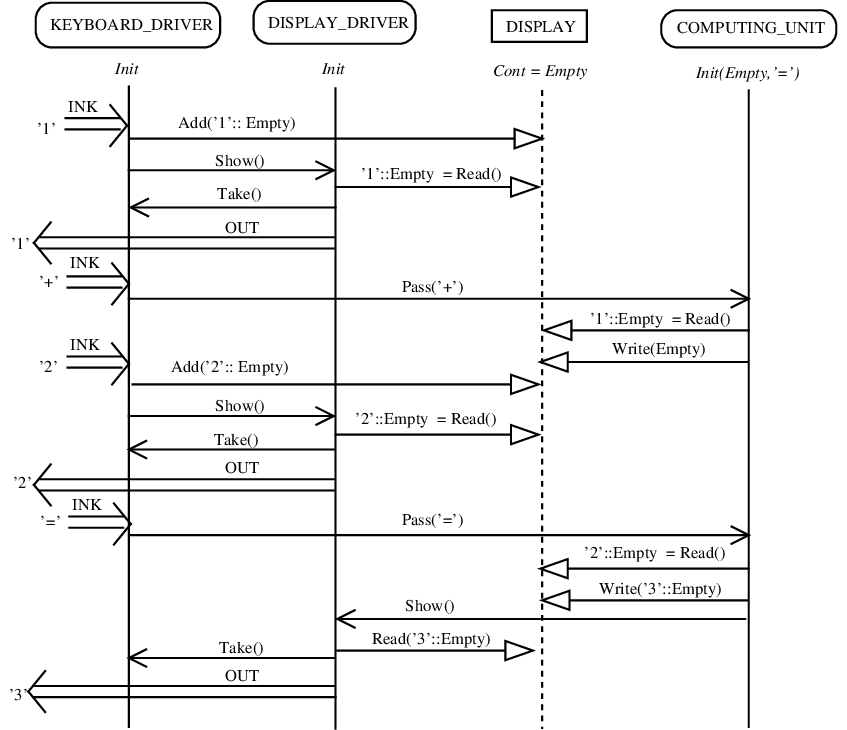
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Figure 7. Sequence diagram for calculator

**State diagram**

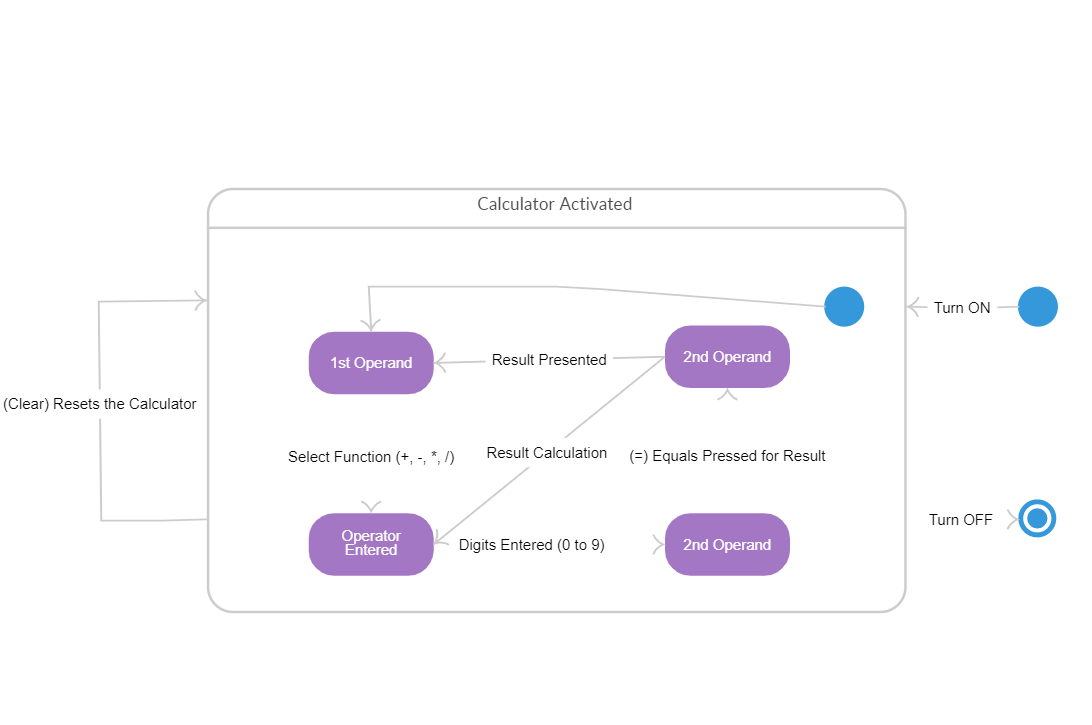
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Figure 8. State diagram for calculator