**Class Diagram**

A screenshot of a computer flowchart

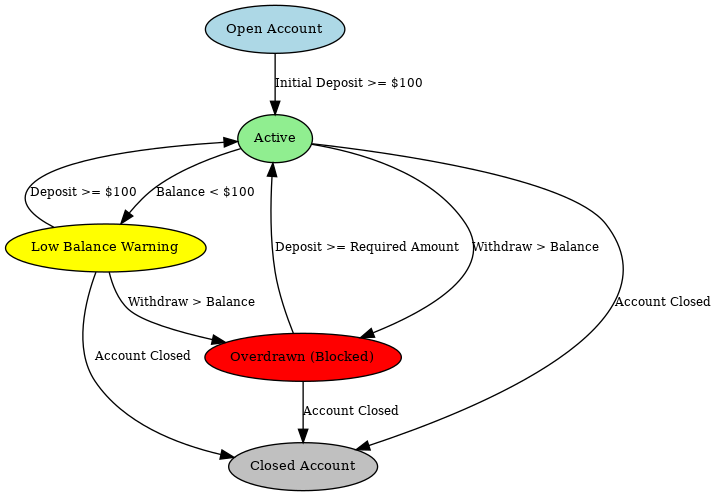
AI-generated content may be incorrect.

**Activity Diagram**

**A diagram of a flowchart

AI-generated content may be incorrect.**

**State Diagram**

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