

Use Case Document

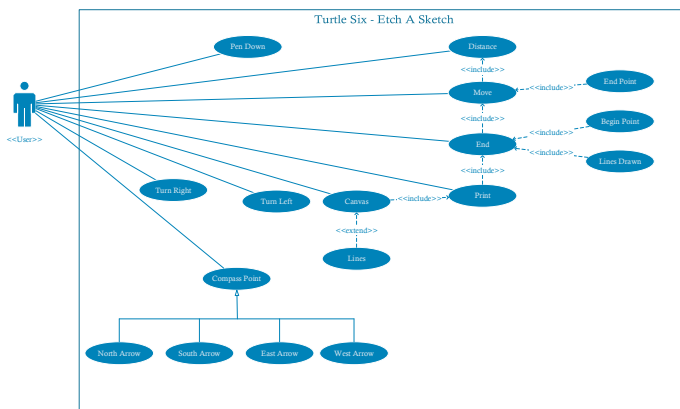
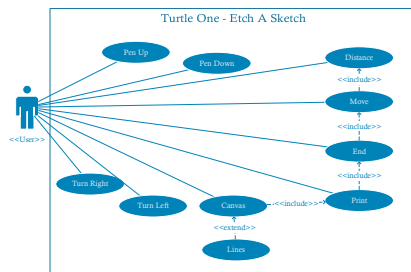
Turtle1 (Etch-a-sketch)

This is a simulation of an etch-a-sketch coded to work as a real etch-a-sketch would. The user is able to control the direction and length of lines to draw as well as an added feature to disable the lines drawn while moving to get to hard to reach areas without drawing a line to it.

Risk Factors

- Out of bounds error
- System does not save progress

System Level Use Case Diagram



Architecture Diagram

- Pen Down
- Move
- Distance
- End
- Turn Right
- Turn Left
- Canvas
- Compass Point
- Lines
- Print

Use Case Name

This is a brief description of the Use Case: This diagram shows the TurtleOne and TurtleSix programs listing everything that the user can see and interact with.

Actors

- User

Priority

High

Status

100% complete.

Pre-Conditions

Program is turned on

Post-Conditions

Program terminates

Extension Points

None