Flappy Bird with Neat Algorithm Block Diagram

Game Initiation

Game Assets

- **Bird** (Intelligent handling)
- **Pipe** (Fixed)
- **Base** (Fixed)

Main Game Loop

Neat Architecture

Neat Initialization and Configuration

Neat Evolution Loop

- **Initialization**
- **Selection**
- **Mutation**
- **Crossover**
- **Termination**

Best Genome Detection

Game Execution