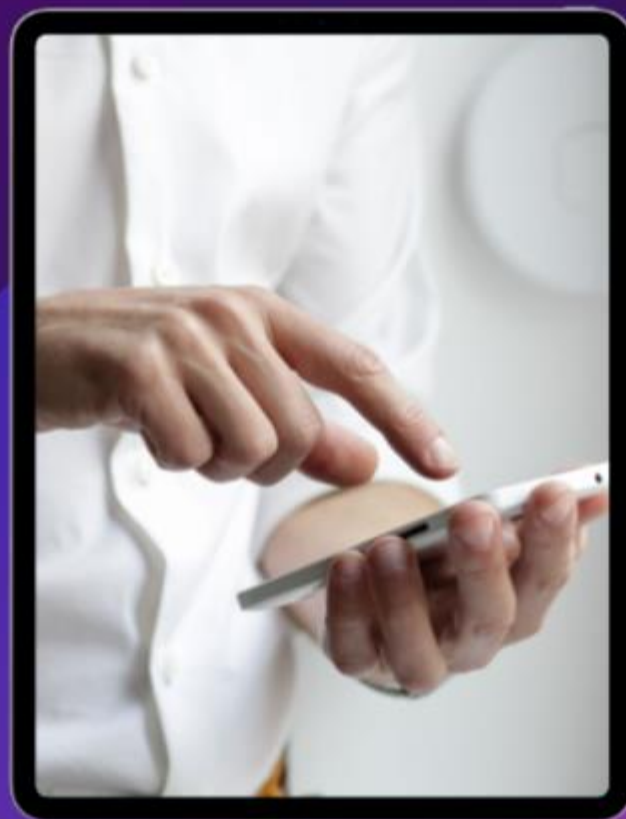


Mind Mimic

Unified AI Modules for Cloud and Edge

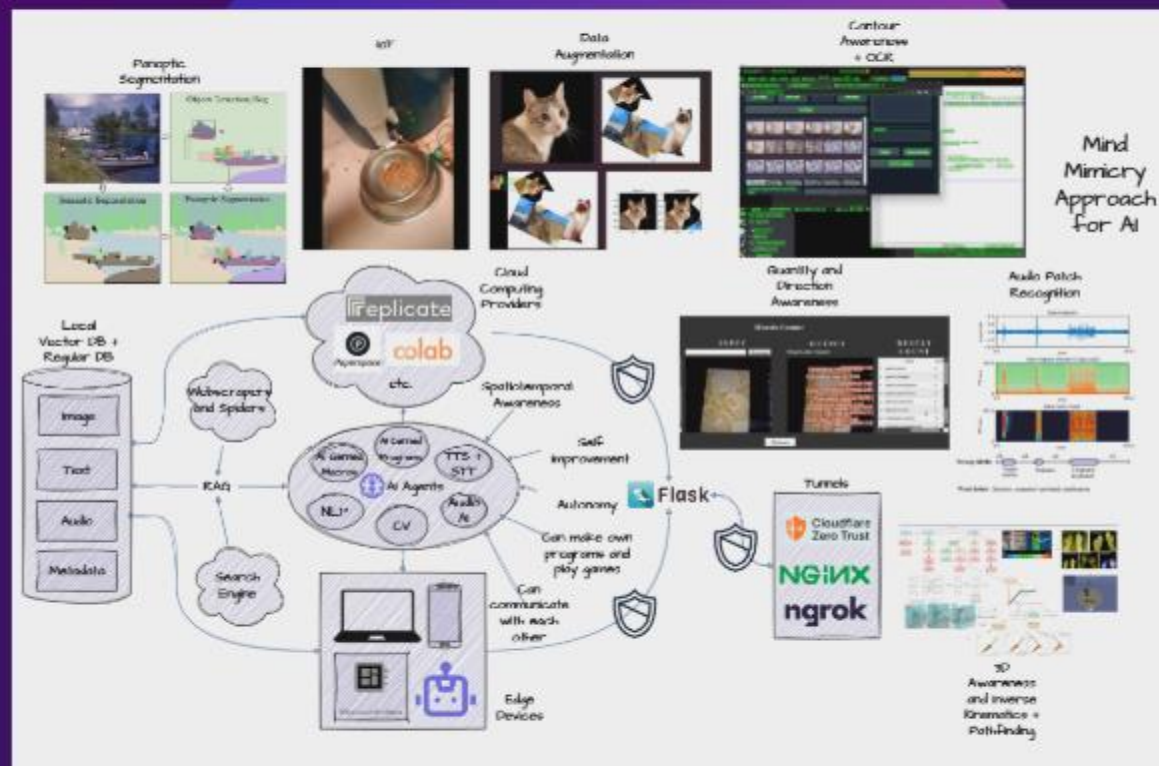


System Architecture

Attempts to mimic the human thought process. Uses cloud computing and edge devices. And unifies existing language models and allows autonomous agent creation.

Stacks:

- Python (Flask, Pytorch, OpenCV, OpenCL, CUDA, etc.)
- Kivy (Frontend for Mobile, supports pygame, QT, OpenGL)
- Cython (C Bindings for Python)
- Pyjnius (Java Bindings for Python)
- Buildozer (App Compiler)
- AI Algorithms (AI algorithms)



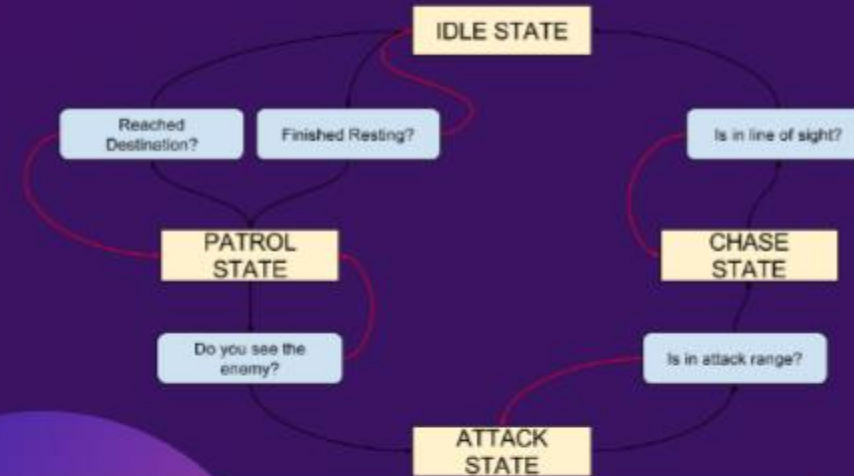
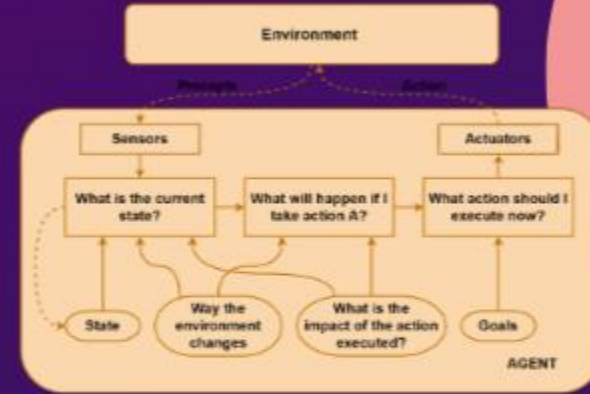
Agent Creation

Creates agents

Uses a node editor or a high-level finite state machine at which the LLM and other algorithms to autonomously improve the agent until it reaches an objective.

The user should be able to create own starting finite state machine or nodes as well as a UI for the agent using an environment and some tools at which the AI can use, combine or refine. As well as programs.

The app would have a built in interpreter.

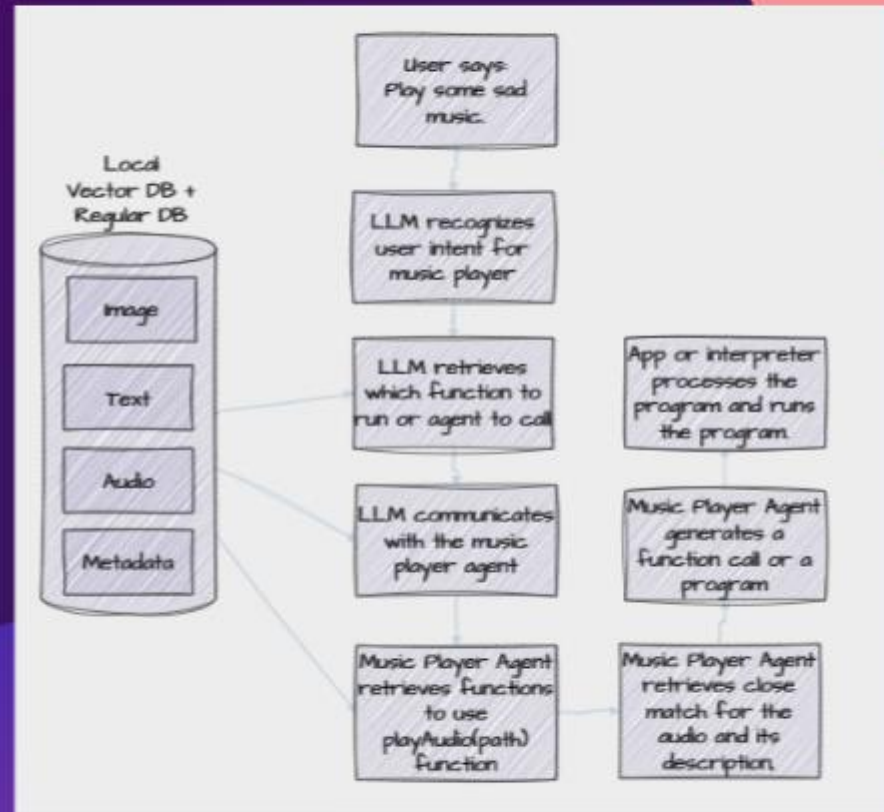


Example Agent #1

Music Player

The commanding agent, will organize the agents. By selecting the agents required to accomplish user intent.

And the music player agent will do RAG for local database for audio.



Example Agent # 2

Dungeon Game Player

Ideally the LLM should be able to create its own agent to reach its goal.

It is able to sense the environment.

Think about the actions and consequences of the actions.
And finally execution.

It can utilize other functions such as panoptic segmentation, autoclicker, and retrieves relevant functions for the game.

And then runs the actions.

AI objective:
1. Kill all rats

AI understands all objects in the game world:

Rat	Player	Chest	Health Bar
Rat	self	relation	relation
Player	relation	self	relation
Chest	relation	relation	self
Health Bar	relation	relation	relation

Example Relation:
Red Rat - Yellow Rat
pointVector = RRat_pos - YRat_pos
isColliding = False

Programs:

Name: Fight
Parameters: (enemy, player)
Function:
- Thinks whether to click enemy to fight
- Decides whether to click enemy to fight
- Clicks the enemy

Name: Move to
Parameters: (player, pos)
Function:
- Thinks whether to move in that location
- Decides whether to move in that location
- Clicks on the position

Object: Player
State: Punching
Position: (x,y)
Other Desc:

Object: Rat
Position: (x,y)
Retrieved Info:
(Rats are enemies)

Object: Chest
etc.

Region of Interest