

Matcha Cozy Application Documentation

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1 Introduction

Matcha Cozy is an interactive game application that simulates the process of preparing matcha drinks. Players can add ingredients, mix them, and pour the final drink to score points within a time limit.

2 Application Modes

Matcha Cozy can be launched in two different modes:

2.1 Graphical Mode

The graphical mode provides a full interactive experience with animations, sound effects, and visual feedback. This is the default mode and offers the complete gameplay experience.

2.2 Command Line Interface (CLI) Mode

For environments without graphical capabilities or for testing purposes, Matcha Cozy can also be launched in CLI mode. This text-based version provides core gameplay functionality without graphics or sounds.

3 Installation

Before running Matcha Cozy, ensure you have Python and the required dependencies installed:

```
1 pip install pygame
```

4 Launching the Application

4.1 Launching in Graphical Mode

To launch Matcha Cozy in graphical mode, simply run:

```
1 python main.py
```

4.2 Launching in CLI Mode

To launch Matcha Cozy in command-line interface mode, use the `-cli` flag:

```
1 python main.py --cli
```

5 Game Controls

5.1 Graphical Mode Controls

- Mouse: Click on ingredients, buttons, and tools to interact
- Space Bar: Stir the matcha (when applicable)
- ESC: Pause game

5.2 CLI Mode Commands

- add [ingredient]: Add an ingredient to the bowl (e.g., "add matcha")
- mix: Mix the contents of the bowl
- pour: Pour the drink into a glass
- help: Display available commands
- exit: Quit the game

6 System Requirements

- Python 3.6 or higher
- Pygame (for graphical mode)
- 500MB RAM
- Any OS supporting Python (Windows, macOS, Linux)