

Shri Vishnu Engineering College For Women

DEPARTMENT OF IT WISE PRESENTATION

PROJECT: COLOR SMASH

| Name | Regno | JobProfile |
|-------------|------------|-------------------------------|
| G.Bhuvana | 22B01A1239 | Database administrator,gitlab |
| B.Harika | 22B01A1216 | Developer |
| A.Keerthi | 22B01A1204 | Developer |
| D.Praneetha | 22B01A1229 | Latex Designer |
| K.Anandi | 22B01A1258 | Latex Designer |

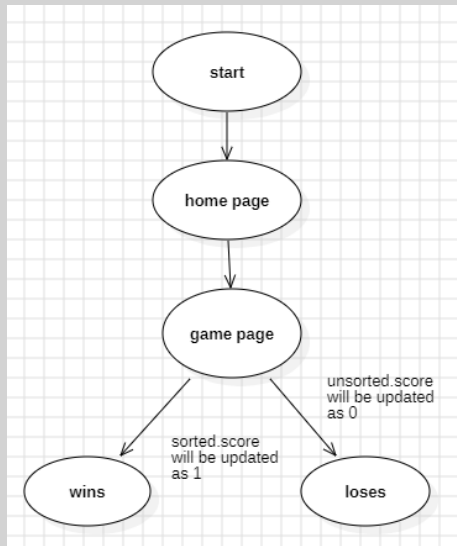


INTRODUCTION

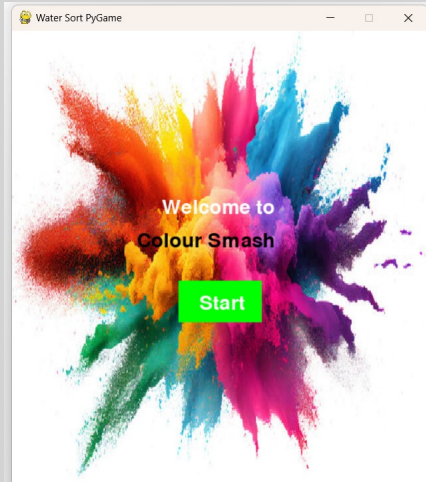
- COLOR SMASH is a game where players are tasked with organizing colored water into matching testtube.
- With a variety of colors and testtube with same sizes, players must carefully pour coloured water from one testtube to another to create complete sets of the same color in each testtube.
- Color smash offers hours of entertaining and brain-teasing fun for players of all ages.



DATA FLOW DIAGRAM



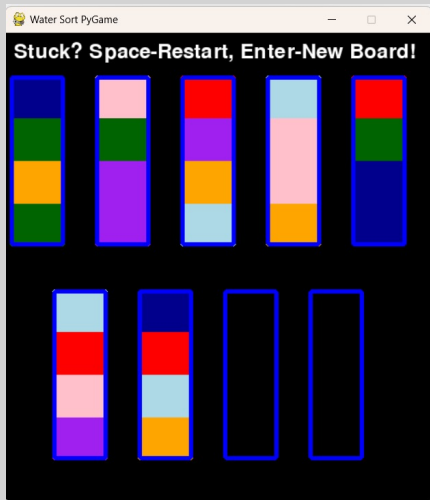
Home Page



- * The above page is Homepage which is displayed .
- * This Homepage contains start button.
- * When we click on start button it takes us to start page.



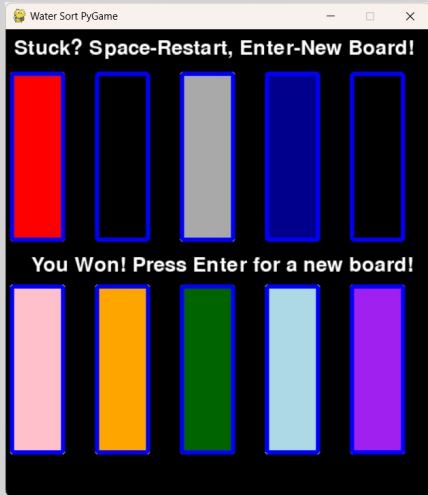
Game page



- * The above page is gamepage which is displayed.
- * This gamepage contains testtubes.
- * Testtubes filled with multiple of colours.
- * Two of testtubes are completely empty inorder to initiate the game.



Winning page



* The above page is winning page which is displayed .

* This winning page contains test-tubes.

* Each testtube is filled with particular colour.

* At the end of game Two of test-tubes are completely empty.

* After completion we can press

* Enter to start new game.



OVERVIEW

- **Understand the Goal:** Your aim is to sort different colored waters into separate bottles, with each bottle containing only a single color.
- **Starting the Game:** You'll see a number of bottles on your screen, some filled with different layers of colored water, and some empty. The number of colors matches the number of bottles needed to separate them.



OVERVIEW

- **Move the Water:** You can pour coloured water from one bottle to another, By following some rules.
- **Plan Your Moves:** Think ahead about your pours. Sometimes, you need to use empty bottles as temporary storage to move colors around. The strategy is crucial for later, more complex levels.



OVERVIEW

- **Solve the Puzzle:** Continue pouring the water from one bottle to another until each bottle contains water of only one color. The puzzle is solved once all colors are separated, and no moves are left that violate the pouring rules.
- **Restart the Game:** If you're stuck the game or won the game then we can press enter to start again. if won the game 1 will be stored in database otherwise 0.



Rules to be followed:

- You can only pour water onto the same color or into an empty bottle.
- Each bottle can hold a fixed number of water layers (usually four).
- You can only pour water if it forms a continuous block with the same color (no individual layers beneath different colors).



FUTURE SCOPE

- User Interface (UI) Improvements.
- Cross-Platform Compatibility.
- Sound and Music Integration.
- Community Engagement and Feedback.



BIBOLOGY

- For completing our project ,we have reffered the following YouTube Channel Link
- **REFERENCE**
- <https://youtu.be/xP2Vn37wHnk?si=K2sip9RZKuMG6LN3>

