

Minesweeper

Chithra Bhanu: 6614: AIML

Asritha: 0510 : CSE

Manisha:0428 : ECE

Kavya: 0475: ECE

October 23, 2021

Introduction

- To find the mines and mark them in the shortest time possible

Approach

- Creating the board using Pygame
- Writing the code logic
- Adding GUI features to the board
- Integrating the code with GUI
- Testing

Learnings

- Few methods from pygame
- Click Handling , Sound mixing

Tech Stack

- Pygame

Day3

- Placed the mines
- Worked on GUI elements

Day4

- code logic
- integrating sound
- click handling

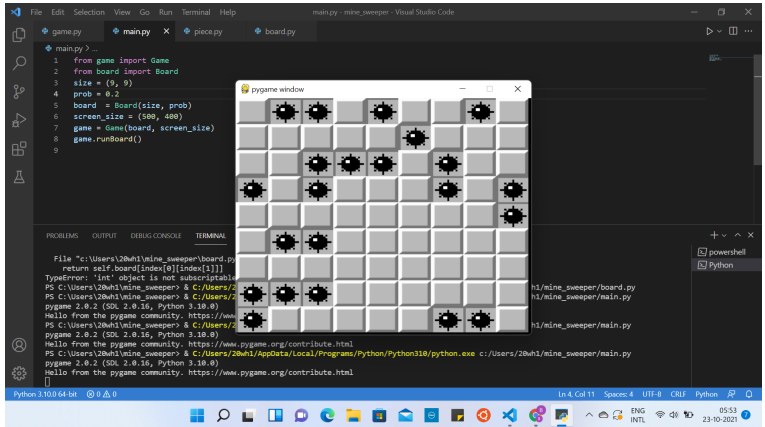
Challenges faced

- errors in code while integrating sound
- finding the appropriate method for gui elements

How we overcame challenges

- Referred the documentations.
- Browsed to find the GUI modules

Project Screenshot



Git Repo

The screenshot displays the GitLab web interface for a repository named 'Minesweeper'. The browser address bar shows the URL `gitlab.com/Asritha10/mine-sweeper/-/commits/main`. The left sidebar contains navigation options: Mine Sweeper, Project information, Repository, Files, Commits (selected), Branches, Tags, Contributors, Graph, Compare, Issues (0), Merge requests (0), CI/CD, Security & Compliance, and Collapse sidebar. The main content area lists the commit history, showing the following commits:

Commit Message	Author	Time	SHA-1	File Icon
Delete board_1.py	Chithra Bharu Aalla	18 hours ago	25f5d9c2	File icon
Delete game_1.py	Chithra Bharu Aalla	18 hours ago	6a0923c6	File icon
Delete main_1.py	Chithra Bharu Aalla	18 hours ago	71d77d21	File icon
Replace main_1.py	Chithra Bharu Aalla	18 hours ago	603d57a8	File icon
Replace game_1.py	Chithra Bharu Aalla	18 hours ago	281cd861	File icon
Replace board_1.py	Chithra Bharu Aalla	18 hours ago	99c69b37	File icon
Add images directory	Chithra Bharu Aalla	19 hours ago	dd4e8105	File icon
Add reference links here	Asritha Bhimavarapu	20 hours ago	c99b3703	File icon

The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 08:56 on 23-10-2021.

Git Repo

The screenshot displays a web browser window with the GitLab repository page for 'mine-sweeper'. The browser's address bar shows the URL 'gitlab.com/Asritha10/mine-sweeper/-/commits/main'. The page features a dark blue sidebar on the left with navigation links: 'Mine Sweeper', 'Project information', 'Repository', 'Files', 'Commits' (highlighted), 'Branches', 'Tags', 'Contributors', 'Graph', 'Compare', 'Issues' (0), 'Merge requests' (0), 'CI/CD', 'Security & Compliance', and 'Collapse sidebar'. The main content area lists several commits, each with a commit icon, a description, the author's name, the time since the commit, a commit hash, and icons for file and folder views. The commits listed are:

- Asritha Bhimavarapu authored 9 hours ago
 - Changed path of image (Chithra Bhanu Aalla authored 18 hours ago, hash 02591aac)
- This files consists of pygame commands to add music and images that we referred for our reference (KAVYA KOPPANADHAM authored 18 hours ago, hash cfe1b474)
- Delete empty_block.png (Chithra Bhanu Aalla authored 18 hours ago, hash 0e5c6792)
- Delete main.py (Chithra Bhanu Aalla authored 18 hours ago, hash c0774b9c)
- Delete gamelogic.py (Chithra Bhanu Aalla authored 18 hours ago, hash 7fe4892a)
- Delete board.py (Chithra Bhanu Aalla authored 18 hours ago, hash 3a4ae08c)
- clickhandling (Manisha Nakka authored 18 hours ago, hash 92b039a2)
- Updated code (Chithra Bhanu Aalla authored 18 hours ago, hash cbbfb3c)

The Windows taskbar at the bottom shows the time as 08:56 on 23-10-2021, along with system icons for network, volume, and battery.

Git Repo

The screenshot displays the GitLab web interface for a repository named 'mine-sweeper'. The browser address bar shows the URL `gitlab.com/Asritha10/mine-sweeper/-/commits/main`. The left sidebar contains navigation links: Mine Sweeper, Project information, Repository, Files, Commits (selected), Branches, Tags, Contributors, Graph, Compare, Issues (0), Merge requests (0), CI/CD, Security & Compliance, and Collapse sidebar. The main content area lists the commit history:

- mines are placed**
Asritha Bhimavarapu authored 2 hours ago
22 Oct, 2021 22 commits
Commit ID: 805a894c
- Update board.py**
Asritha Bhimavarapu authored 9 hours ago
Commit ID: 15ca5006
- adding main file**
Asritha Bhimavarapu authored 9 hours ago
Commit ID: ca927815
- Adding working game file**
Asritha Bhimavarapu authored 9 hours ago
Commit ID: 47fab189
- Update board.py**
Asritha Bhimavarapu authored 9 hours ago
Commit ID: 08d08491
- Upload New File**
Asritha Bhimavarapu authored 9 hours ago
Commit ID: 47ad50f2
- Pushed until Board**
Asritha Bhimavarapu authored 9 hours ago
Commit ID: a3c91d5c
- Changed path of image**
Chithra Bhanu Aalla authored 18 hours ago
Commit ID: 02591aac

The bottom of the image shows the Windows taskbar with various application icons and system tray information indicating the time as 08:56 on 23-10-2021.

Git Repo

The screenshot displays the GitLab web interface for the repository 'Asritha Bhimavarapu / Mine Sweeper'. The left sidebar contains navigation links: Mine Sweeper, Project information, Repository, Files, Commits (selected), Branches, Tags, Contributors, Graph, Compare, Issues (0), Merge requests (0), CI/CD, Security & Compliance, and Collapse sidebar. The main content area shows the commit history for the 'main' branch of the 'mine-sweeper' repository. It lists 5 commits from October 23, 2021, each with a commit icon, message, author, time ago, commit hash, and file icons. The commits are: 'tried to add music' by KAVYA KOPPANADHAM, 'unclicked-bomb' by Asritha Bhimavarapu, 'Updated till placing mines' by Asritha Bhimavarapu, 'Updated till mines placing' by Asritha Bhimavarapu, and 'mines are placed' by Asritha Bhimavarapu. Below these, it indicates 22 commits from October 22, 2021, with the first commit 'Update board.py' visible. The top of the browser shows the address bar with 'gitlab.com/Asritha10/mine-sweeper/-/commits/main' and several open tabs. The Windows taskbar at the bottom shows various application icons and the system clock at 08:57 on 23-10-2021.

Commits - main - Asritha Bhimavarapu

gitlab.com/Asritha10/mine-sweeper/-/commits/main

Apps College Automatico... Classes Course | WE Progra... This Is How To Crea... Python/Pygame Mi... Pygame Tutorial #9...

GitLab Menu Search GitLab

Asritha Bhimavarapu > Mine Sweeper > Commits

main mine-sweeper Author Search by message

23 Oct, 2021 5 commits

- tried to add music
KAVYA KOPPANADHAM authored 1 hour ago 6846b138
- unclicked-bomb
Asritha Bhimavarapu authored 1 hour ago 78c98166
- Updated till placing mines
Asritha Bhimavarapu authored 2 hours ago 8e3d6151
- Updated till mines placing
Asritha Bhimavarapu authored 2 hours ago 4d83c075
- mines are placed
Asritha Bhimavarapu authored 2 hours ago 805a894c

22 Oct, 2021 22 commits

- Update board.py 15ca5006

08:57 23-10-2021

THANK YOU