



PIXEL WINGS

TEAM NAME : NATURE CODERS

TEAM MEMBERS
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DATE : 22-08-2024

PROBLEM STATEMENT

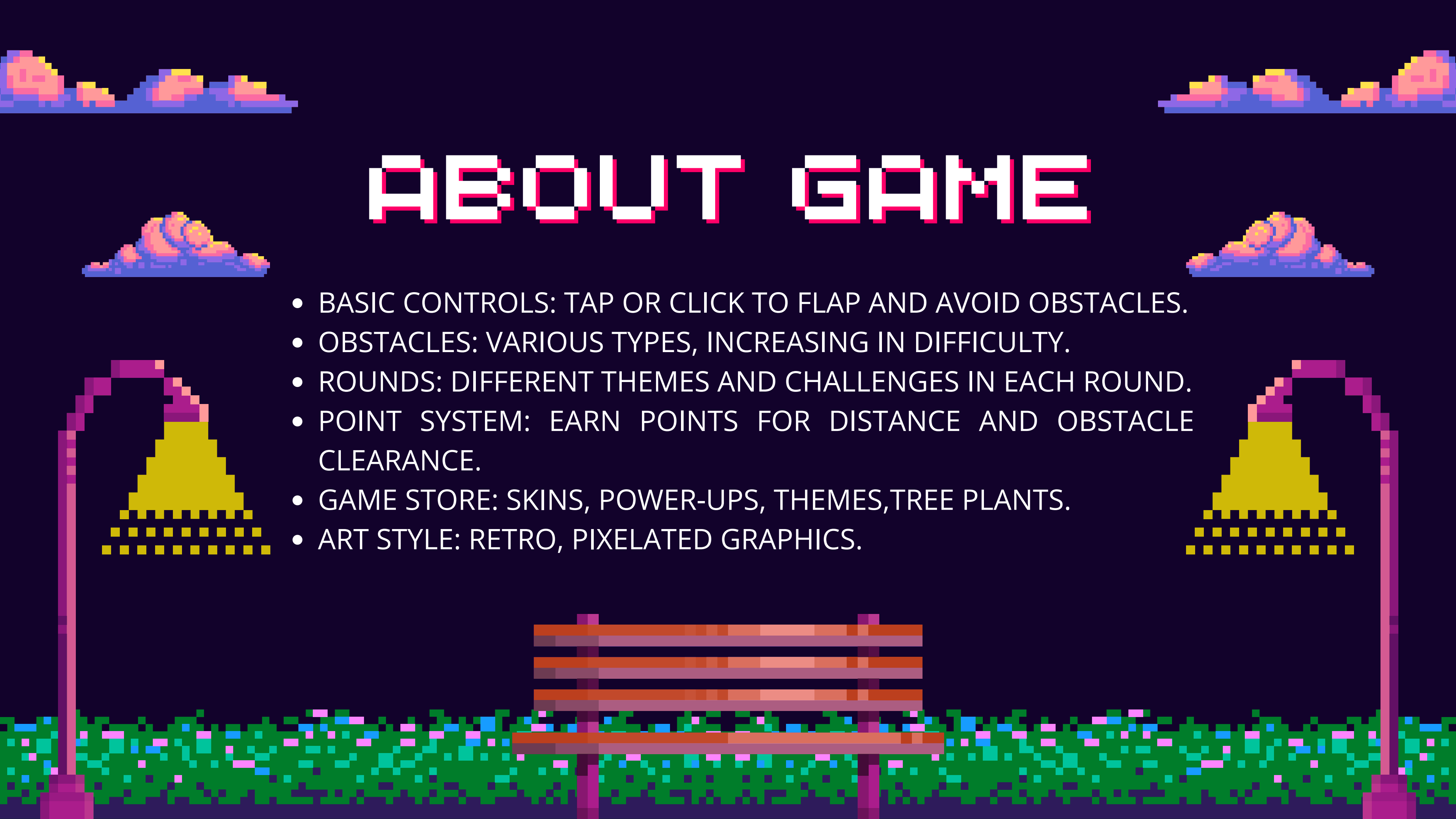
- Retro-style 2D Side-Scrolling web game
- Features multiple rounds with increasing difficulty.
- Players earn points to purchase items in the in- game store.
- Also there will be a Integrated Leaderboard Based on the number of “Tree Plants” Purchased by the Players
- For each “Tree Plant” we will Plant one tree in real life.

NOTE :- For Monetization

-> we will use In-Game Ads: Optional ads for extra points or items.

-> In-App Purchases: Purchase points or exclusive items with real money.





ABOUT GAME

- BASIC CONTROLS: TAP OR CLICK TO FLAP AND AVOID OBSTACLES.
- OBSTACLES: VARIOUS TYPES, INCREASING IN DIFFICULTY.
- ROUNDS: DIFFERENT THEMES AND CHALLENGES IN EACH ROUND.
- POINT SYSTEM: EARN POINTS FOR DISTANCE AND OBSTACLE CLEARANCE.
- GAME STORE: SKINS, POWER-UPS, THEMES, TREE PLANTS.
- ART STYLE: RETRO, PIXELATED GRAPHICS.



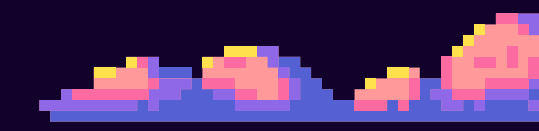
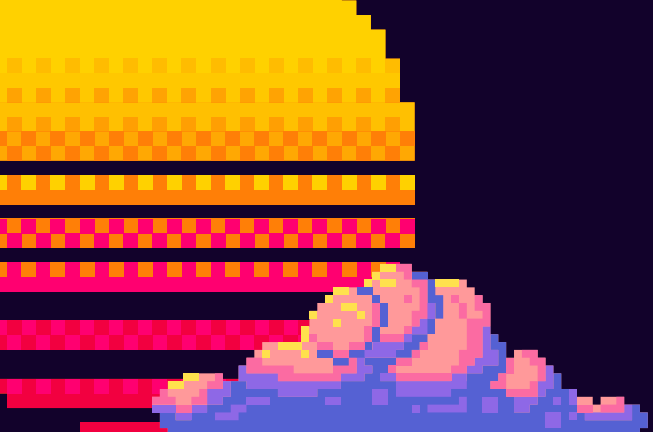
GAME FLOW

- Main Menu: Start Game, Store, Settings, Leaderboards.
- Game Start: Choose character, begin first round.
- In-Game Store: Spend points on items ,Tree Plants and power-ups.
- Leaderboard: Displays top players, encourages competition.

TARGET AUDIENCE

- Casual Gamers: Enjoy quick, simple gameplay.
- Retro Game Fans: Nostalgic for classic 2D games.
- Competitive Players: Aim for high scores and leaderboards.





OUR TECHNOLOGY STACK

01

Frontend: HTML5, CSS3, JavaScript

02

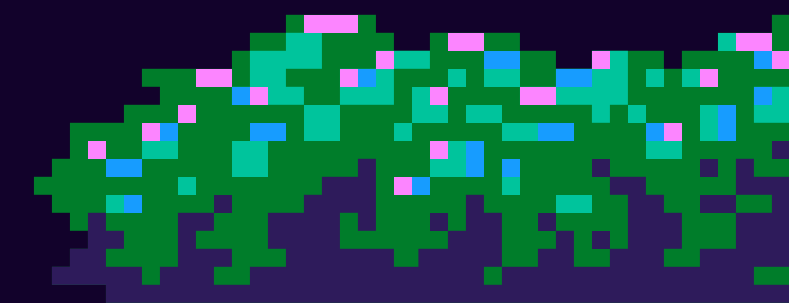
Backend: JavaScript/Python and Pygame Library

03

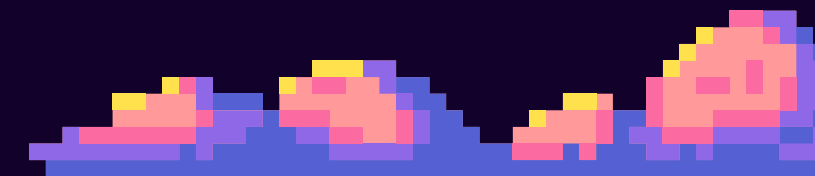
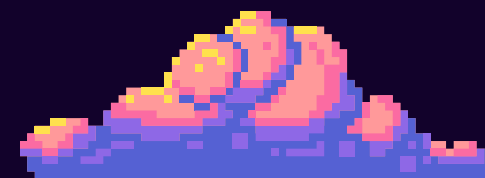
Database: MySQL.

04

Deployment: GitHub.



OUR VISION



01

Create a nostalgic yet modern gaming experience that brings the simplicity of classic games to the web.

02

Provide an engaging platform where players can challenge themselves, customize their experience, and compete globally.

03

Build a community around shared love for retro games, fostering creativity and competition.

04

We are also Contributing our share in the Enviromental Sustainability by giving the option to purchase a “Tree Plant” in real life through our game.





THANK
YOU