Mission Morse

Unlock the Secrets of Signal
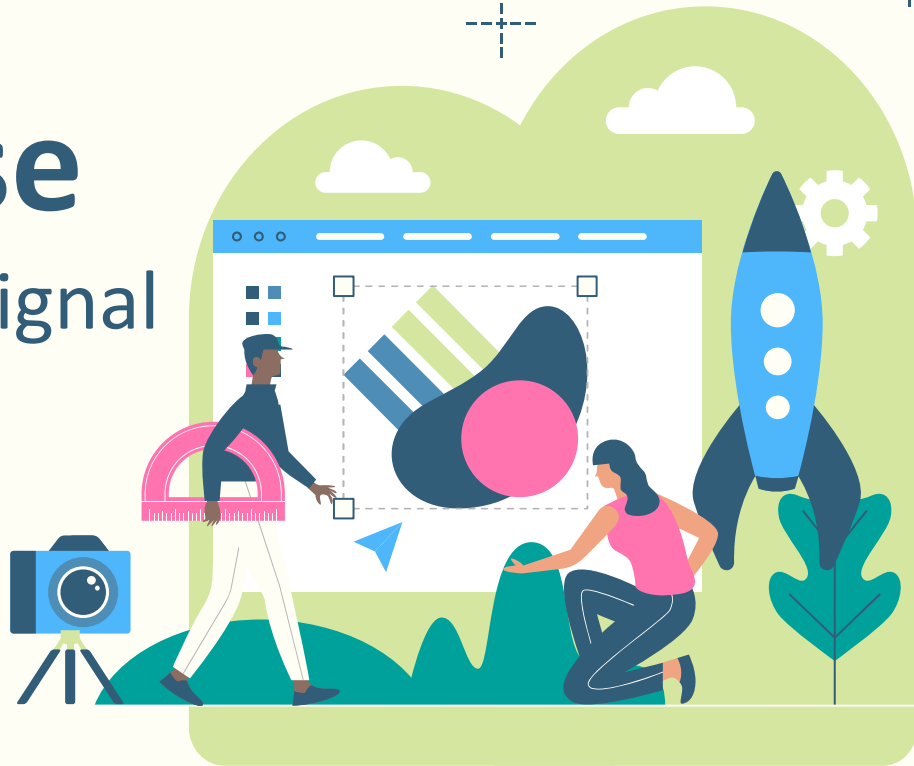
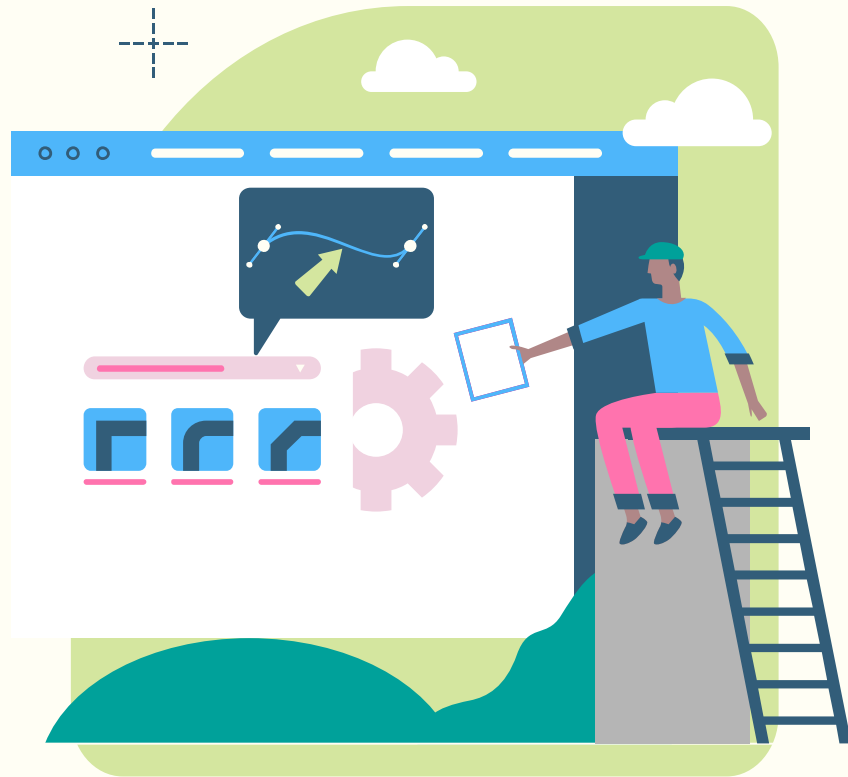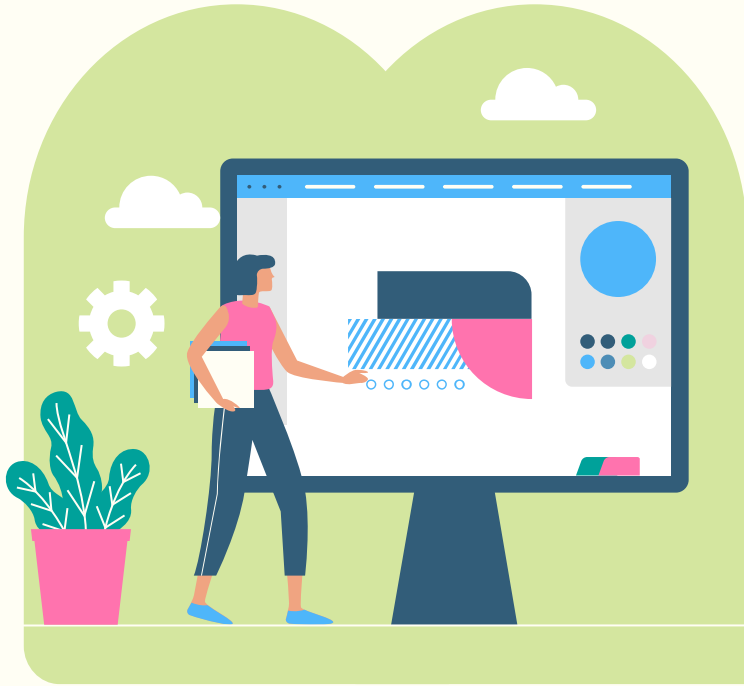| Letter	Morse	Letter	Morse	Digit	Morse
A	.-	N	-.	0	-----
B	-...	O	---	1	.----
C	-.-.	P	.--.	2	..---
D	-..	Q	--.-	3	...--
E	.	R	.-.	4	....-
F	..-.	S	...	5	.....
G	--.	T	-	6	-....
H	....	U	..-	7	--...
I	..	V	...-	8	---..
J	.---	W	.--	9	----.
K	-.-	X	-..-		
L	.-..	Y	-.--		
M	--	Z	--..		

Morse Code

- A communication system using dots (.) and dashes (–) to represent letters and numbers

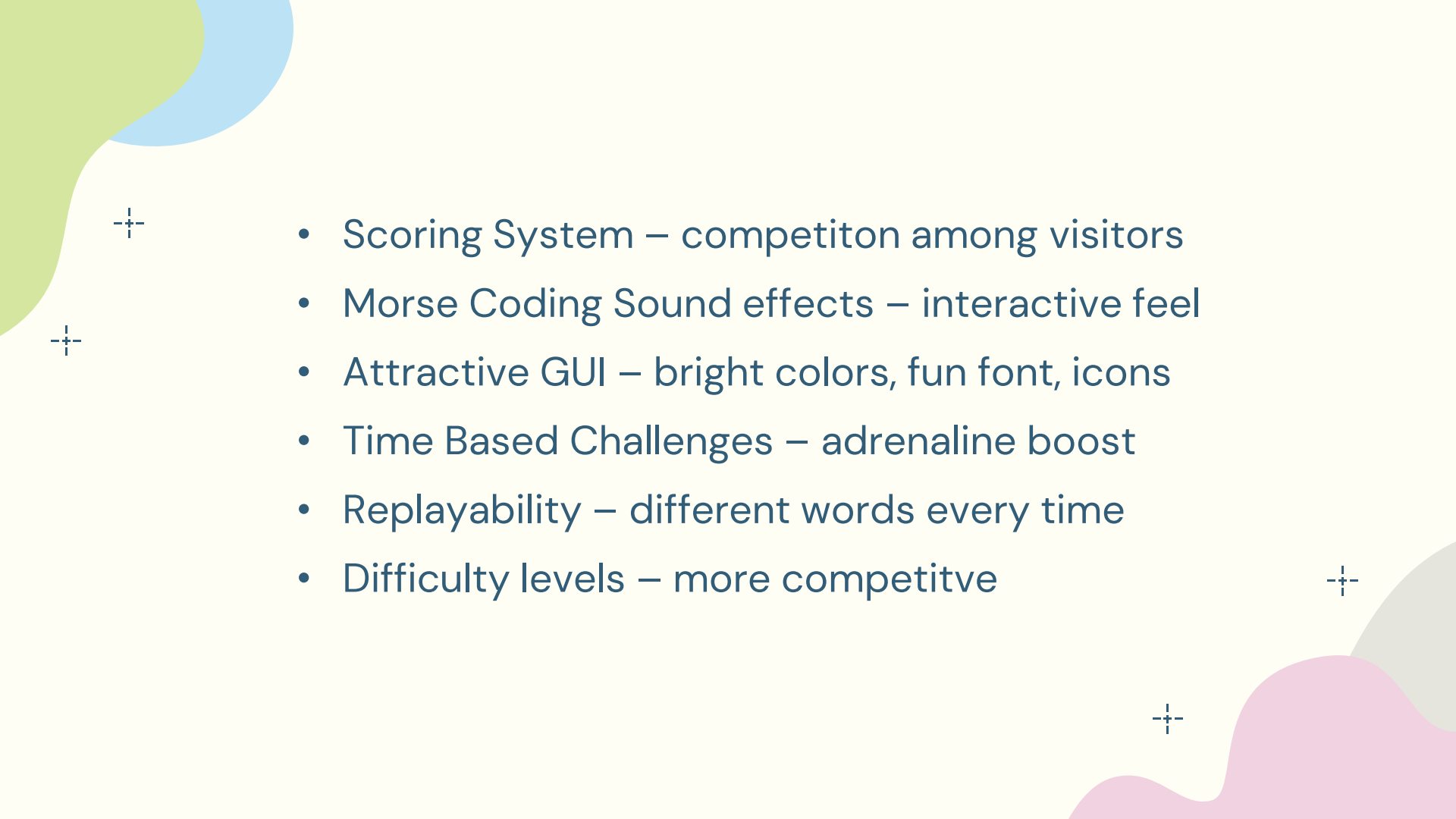- Eg: HELLO = ...-.. .-.. ---

(H E L   L   O)

Overview

- Two modes : Encode & Decode

- Instant feedback

- Random challenge generator

- Interactive scoring system

Interactive
Excitement
Immersive

- Scoring System – competiton among visitors

- Morse Coding Sound effects – interactive feel

- Attractive GUI – bright colors, fun font, icons

- Time Based Challenges – adrenaline boost

- Replayability – different words every time

- Difficulty levels – more competitve

Morse Code in Robo Park

- Fun way to learn old communication technology

- Connects history and robotics

- Encourages problem-solving, memory and translation skills

- Great for kids, students, visitors of all age
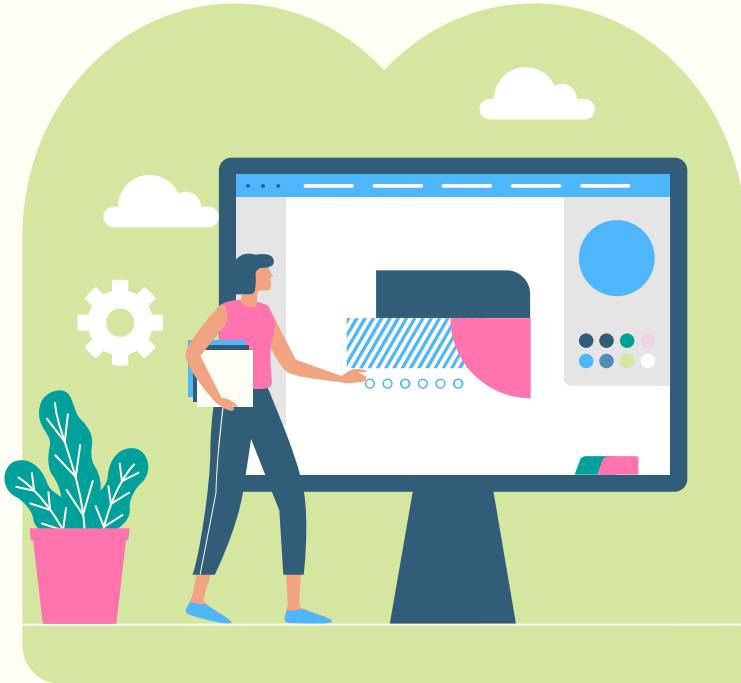
TIMELINE

1ˢᵗ Week
- Implementation of encoding & decoding
- Work on basic GUI

2ⁿᵈ Week
- Addition of Scoring System
- Time based Scoring

3ʳᵈ Week
- Difficulty levels based questions
- Input/Ouput testing
- Setting the theme

4ᵗʰ Week
- Debugging
- Refining code and GUI

Conclusions

In summary, the Morse Code Interactive Station offers a unique blend of education and entertainment. It introduces participants to an essential piece of communication history while enhancing valuable cognitive skills. By engaging with Morse code, users not only learn a fun skill but also connect with the legacy of communication technology.
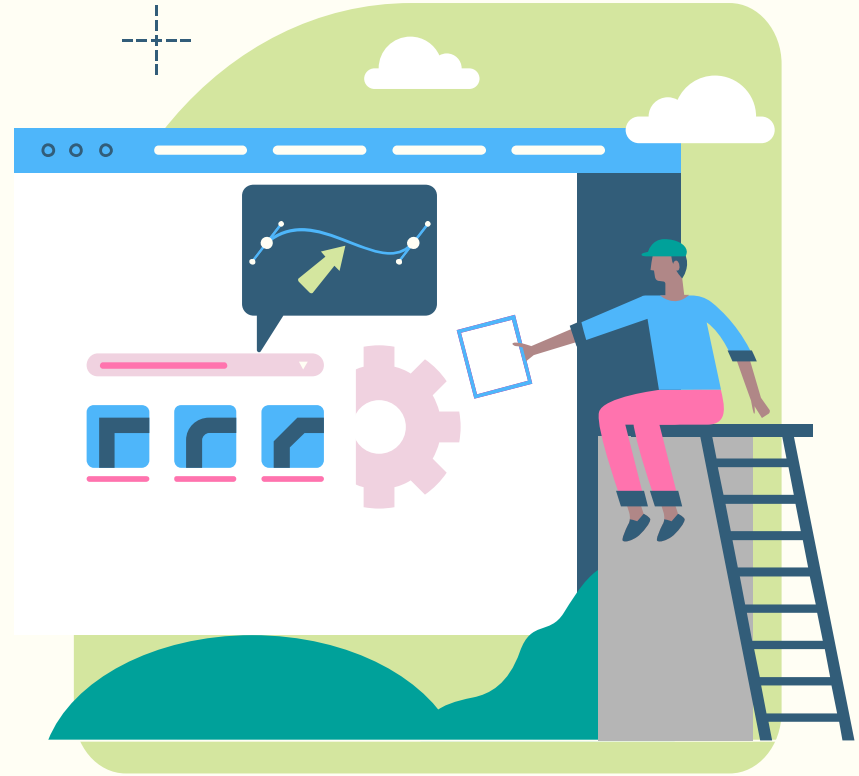
Thank you!

- Do you have any questions?