

- VisioPath -

Your story, your choices, your world - on
the web.

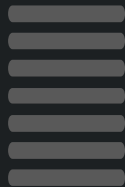
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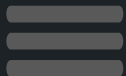
Future Work

01

THEME &
CONCEPT



CONCEPT

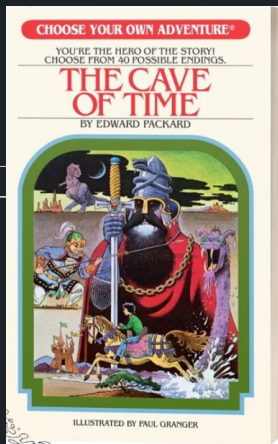


Theme

- Storyteller Mode
 - Building
 - Craft branching narrative paths
 - Use different medias
 - Create unique stories
 - Sharing
 - Play different scenarios

Default story:
**Three students
rebel against a
corrupted
academic
system...**





MOTIVATION

VisioPath

Storytelling

Inspired by
childhood
stories

Interactive

Based on
choice-driven
narratives

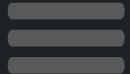
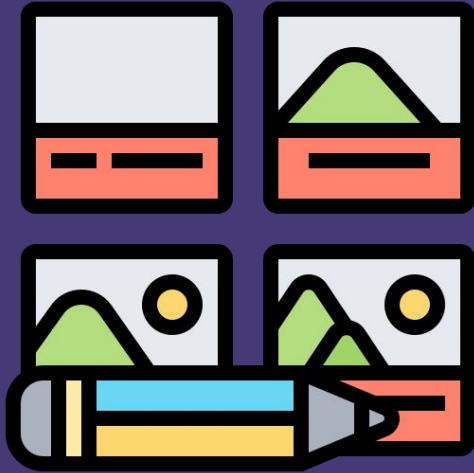
Fusion

Merging
nostalgia with
web
technologies



02

Story structure & Storyboards

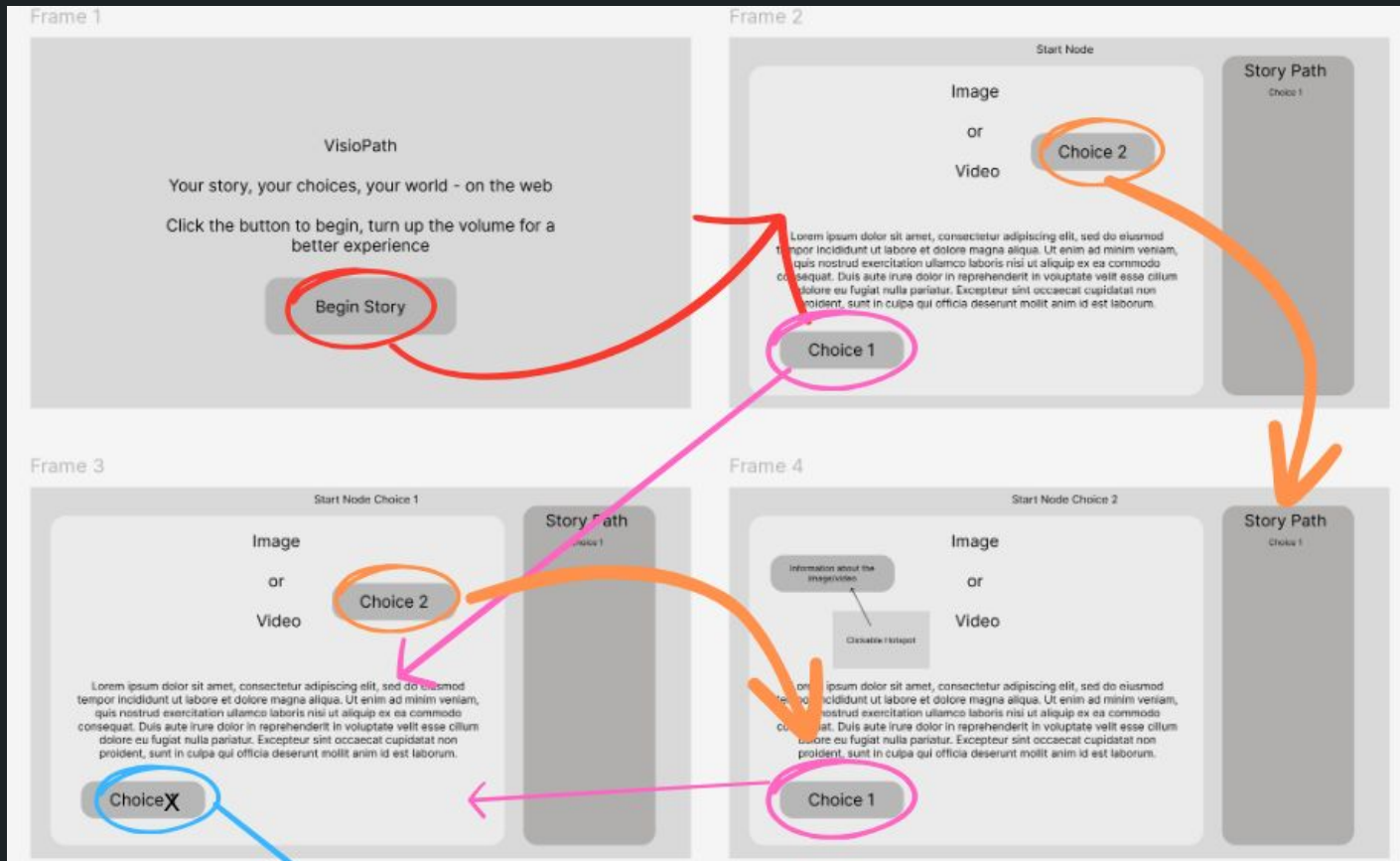


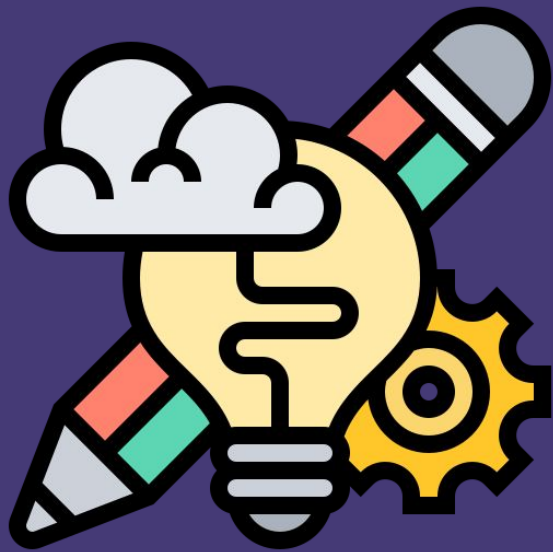
Story Structure

story.ts

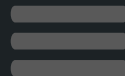
```
export const story: Record<string, StoryNode> = {
  start: {
    id: 'start',
    title: 'In the Beginning',
    text: 'At the Faculty of Sciences of the University of Lisbon, where the corridors smell of burnt coffee and academic hopelessness, there was something dark going on.',
    video: '/Videos/Fcul.mp4',
    defaultChoiceId: 'joao',
    choices: [
      {
        text: 'Joao',
        nextId: 'joao',
        appearDelay: 4000,
        visibleDuration: null,
        position: { top: '50%', right: '10%' }
      },
      {
        text: 'Sofia',
        nextId: 'sofia',
        appearDelay: 4000,
        visibleDuration: null,
        position: { top: '10%', right: '50%' }
      }
    ]
  },
}
```

Storyboard overview





03 Features & Design Choices



Features

Interactive Story Navigation

Selecting visual on-screen choices that determine the narrative path

Multimedia Integration

Each scene supports text, images, videos and audio

Hotspots & Hypervideo Elements

Clickable areas over characters trigger information

Animations

Animated text, slide-up fade-in effects, blinking current node in story tree

Story Tree Overview

Visual panel that shows the user's path

Design Choices

Modularity

Reusable components
(story node, choices,
hotspots...)

1: Visibility of system status

The user always
knows where they are
by looking at the story
tree

Simplicity

Minimalist interface
focused on story
immersion

3: User Control and Freedom

Users can advance or
restart the story at
any time.

Clarity

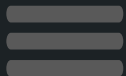
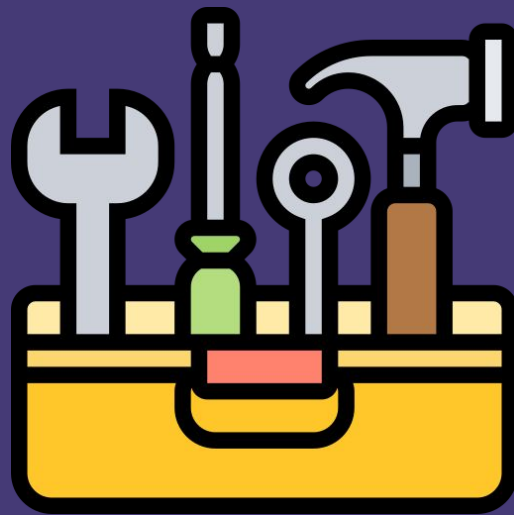
High-contrast visuals
and intuitive
navigation

4: Consistency and standards

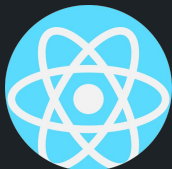
We maintain a
consistent look and
feel throughout the
story

04

Tools & Architecture



Tools & Architecture



React
JavaScript library



Next.js
React framework



TypeScript
Programming Language
that builds on JavaScript



HTML5
Markup language

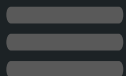
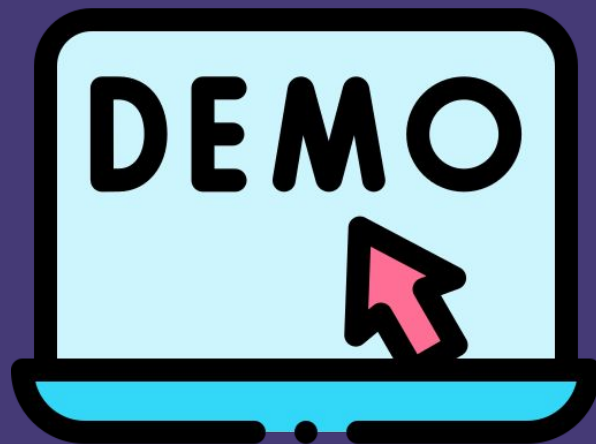


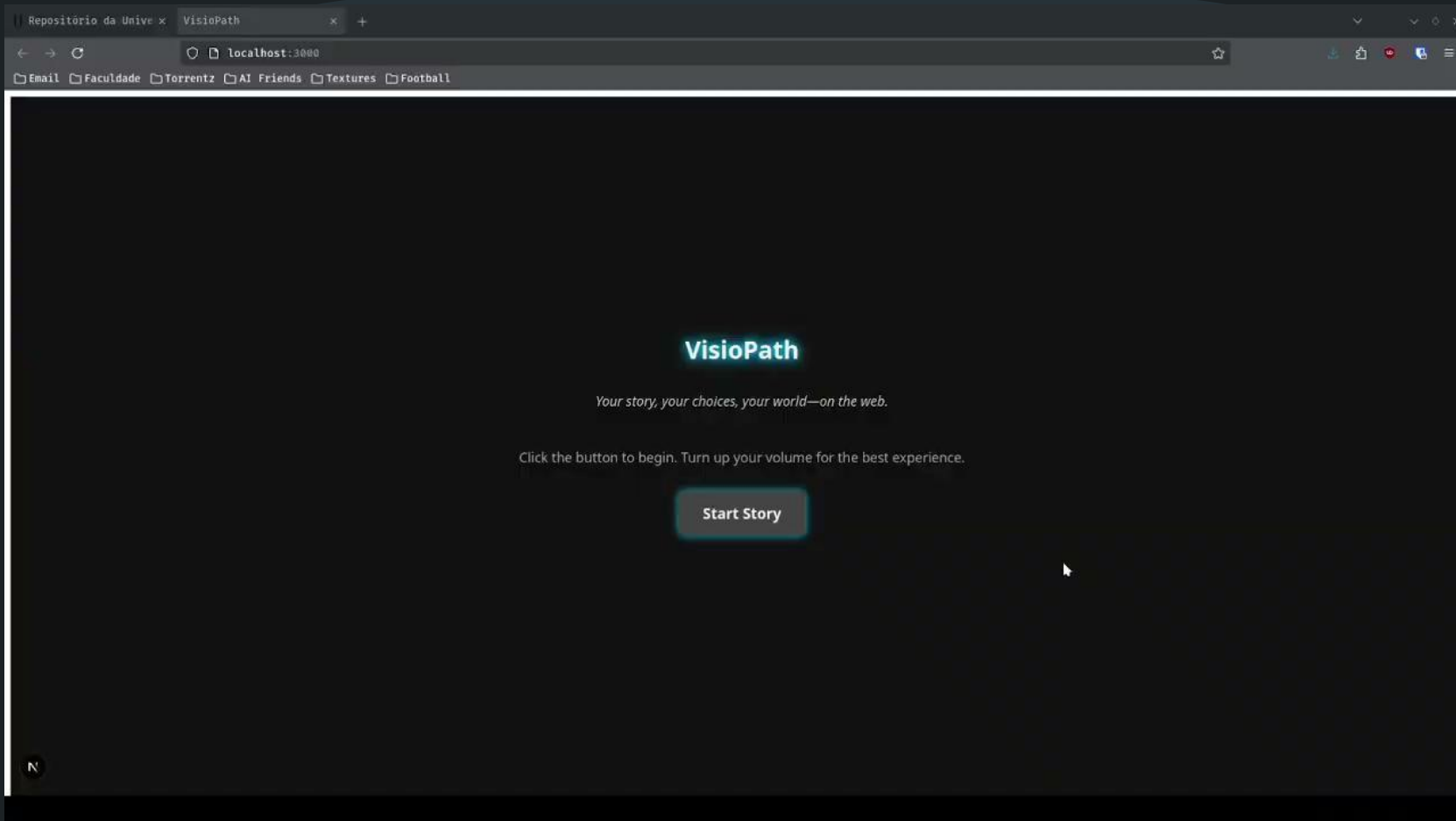
CSS
Language to style an
HTML document

John

05

DEMO

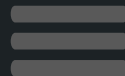






06

Future Work



Future Work

Add more videos,
animations, and
transitions

Ensure
consistent
design principles

Refine and
expand the
default story

Build the
interface for
story creation

THANKS!

Do you have any questions?

