



New way of Learning

It is website to help the imagination a little bit.

It is very hard to imagine a concepts mentally like Cartesian co-ordinates, polar co-ordinates, graph, physics simulation, etc

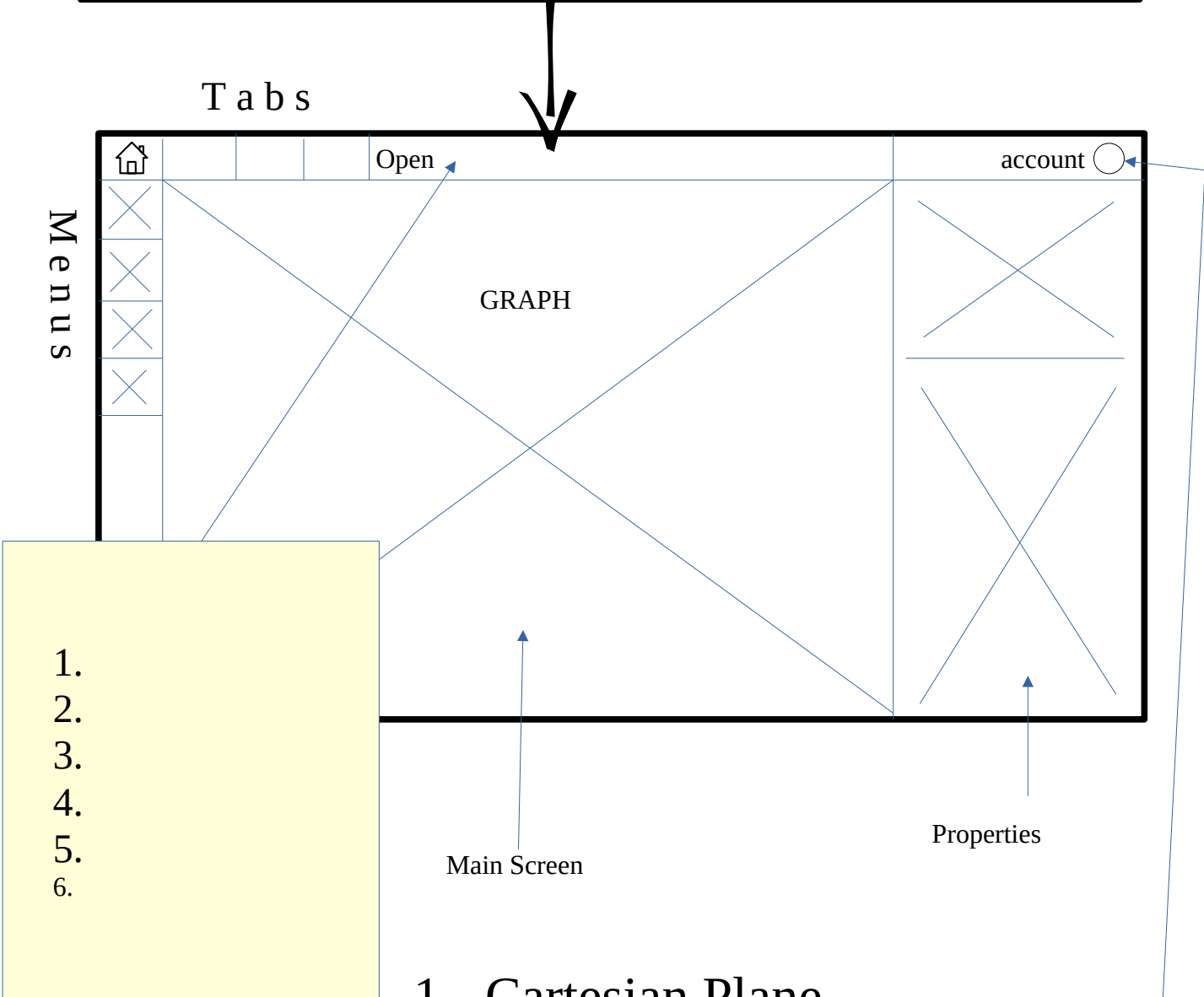
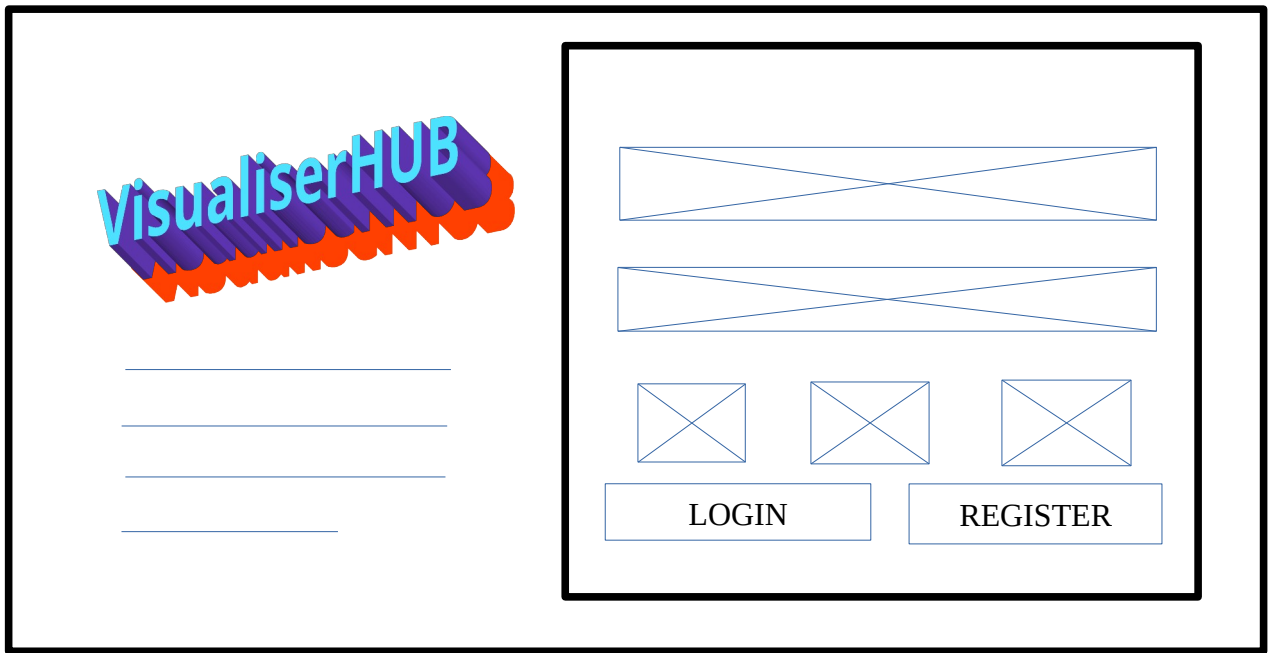
So We want to make those all thing graphically possible that way the student can learn things easily and interestingly.

Main Objectives



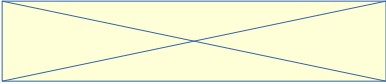
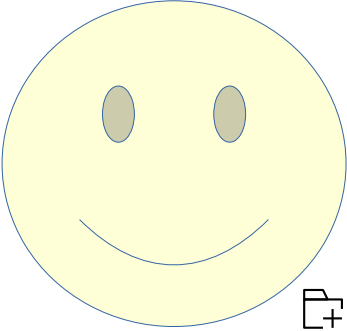
1. Good UI and UX
2. visually appealing
3. Simple navigation

What we will be using

1. HTML5
2. CSS
3. Vanilla JavaScript (with some libraries)
4. Git and GitHub
5. Firebase



1 - Cartesian Plane



FEEDBACK

SEND

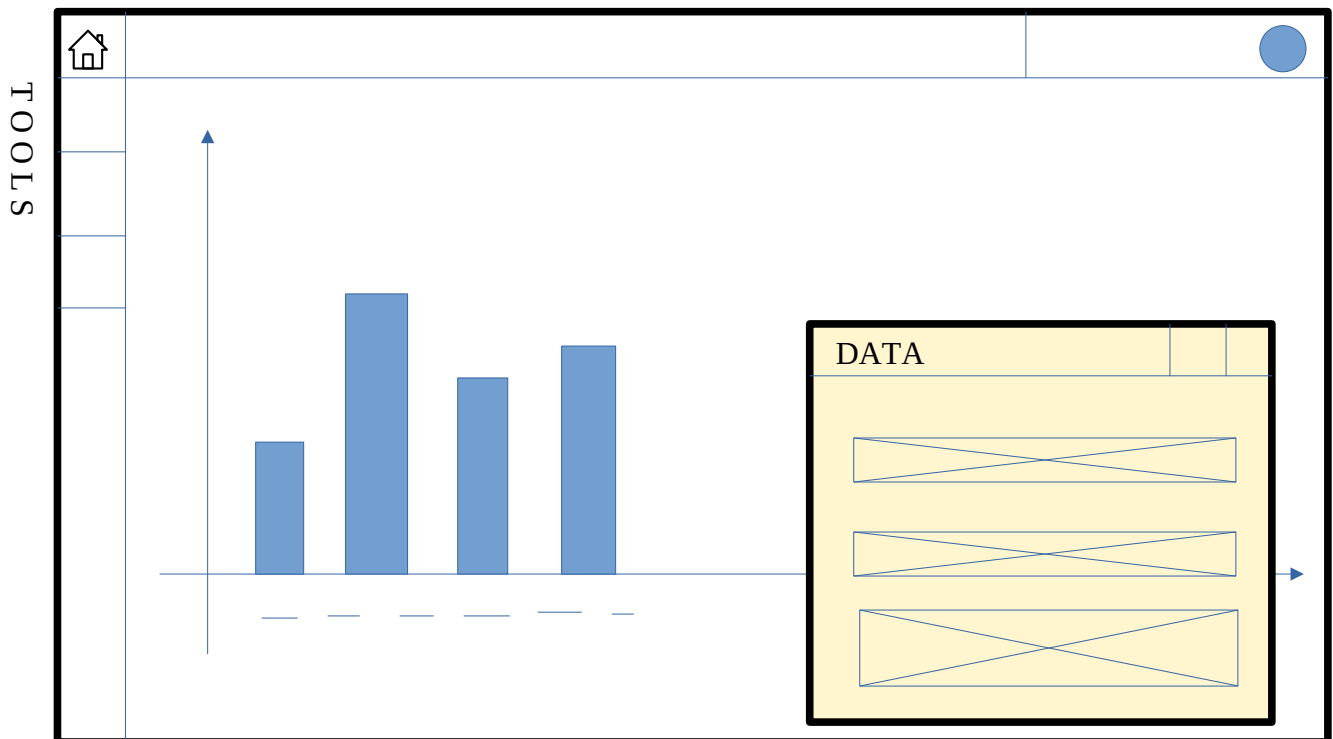
PROFILE

2 – GRAPH

We will take data from a form and construct the graph of any type using that data

types -

1. bar
2. histogram
3. pie
4. line
5. functional (like x^2 , $\log(x)$),etc



2 - GRAPH

3 – CURVES & TIME FUNCTION

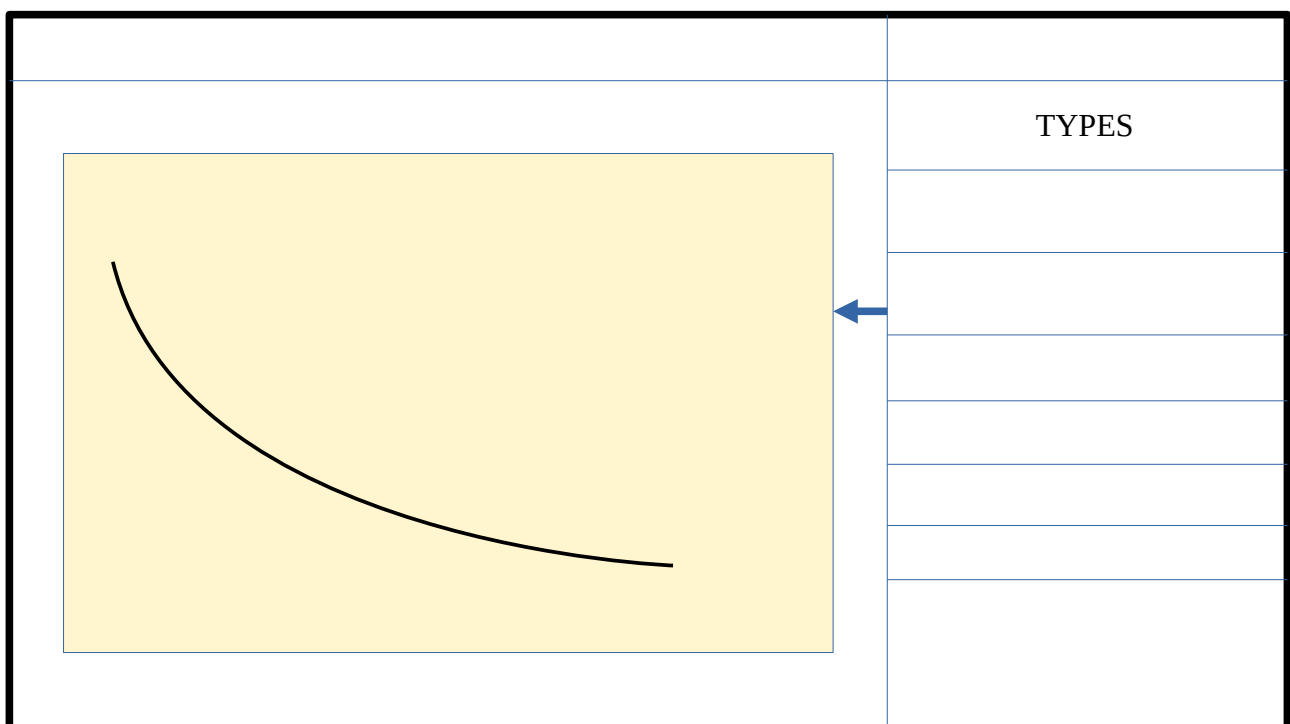
cubic bezier curve

quadratic bezier curve

time function like -

1. linear
2. ease in
3. bounce
4. etc

according to what user select this curves will be displayed



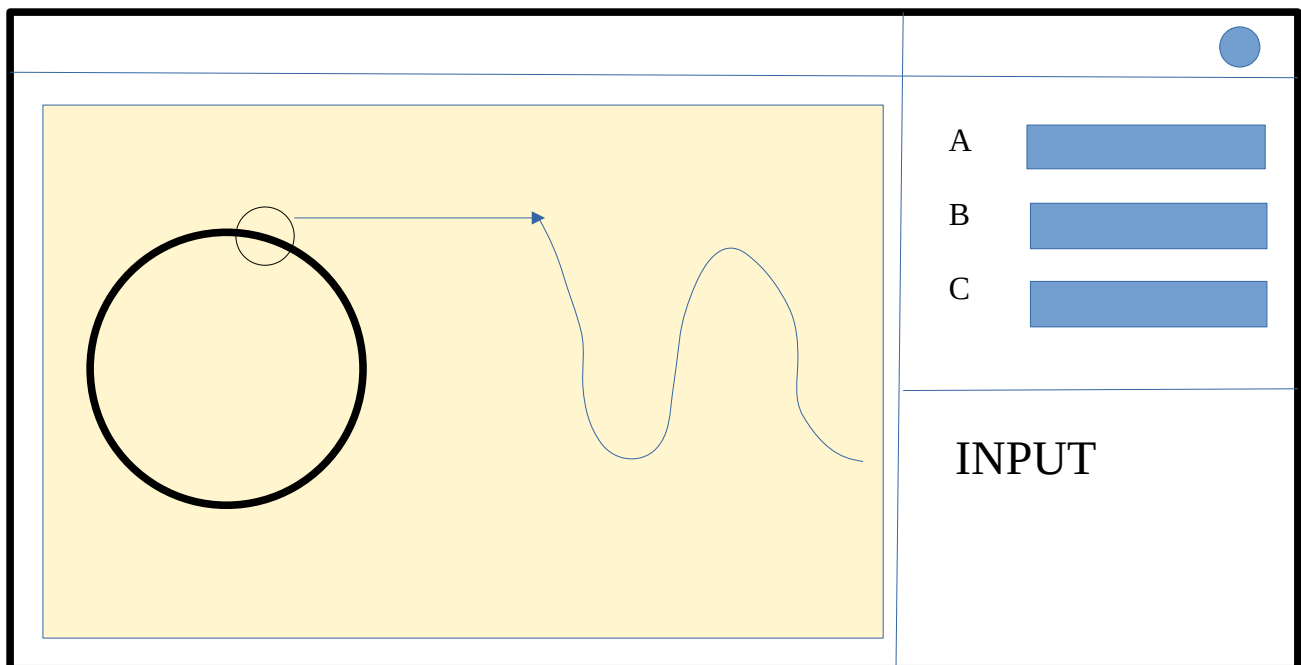
3 – CURVES & TIME FUNCTION

4 – Fourier series

A Fourier series is an expansion of a periodic function into a sum of trigonometric functions.

They express the sum of sine and cosine function a way that a wave is formed

It is said that Fourier series or Fourier transform can construct any type of i.e. every wave is addition of multiple sine waves

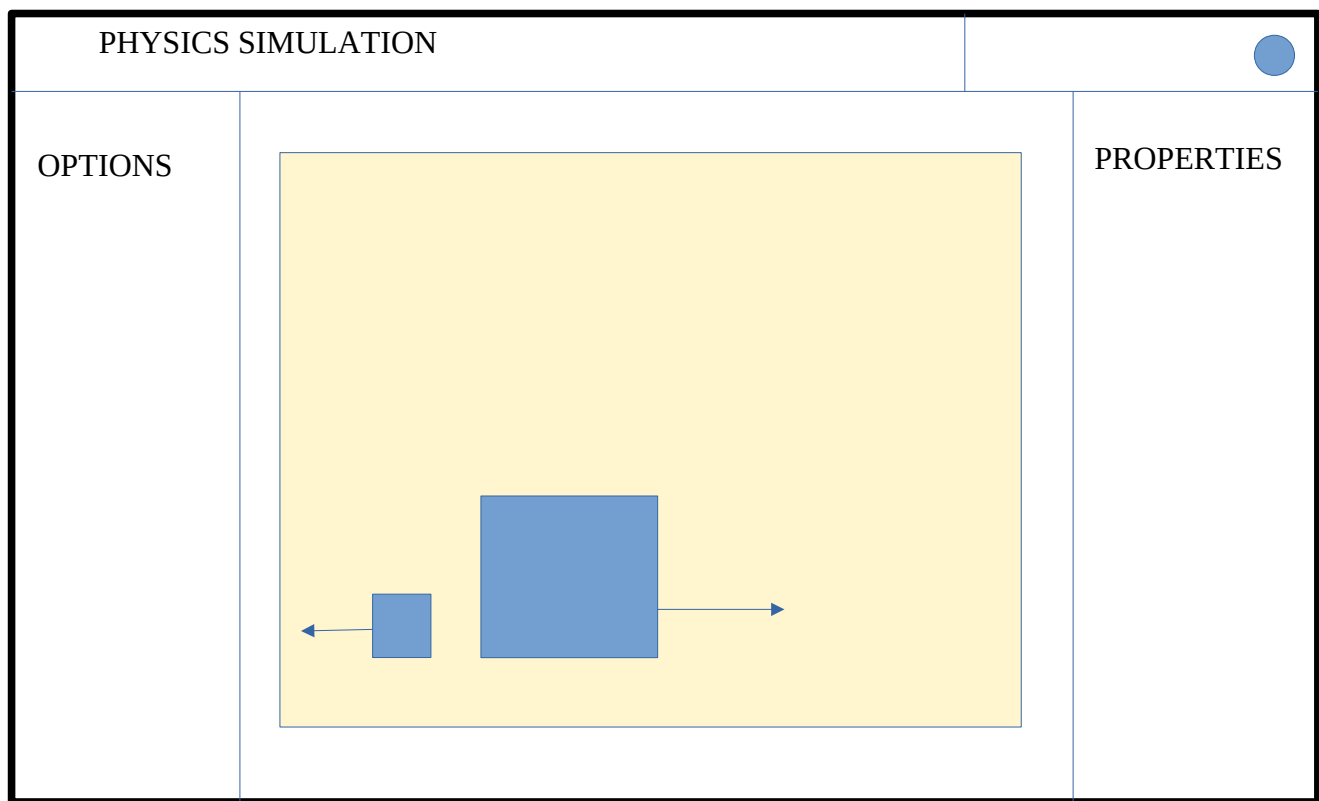


4 – FOURIER SERIES

5 – PHYSICS SIMULATION

We are going to give dynamic options to control a small physics world

the option will be based on gravity, bounciness, friction, momentum, etc.

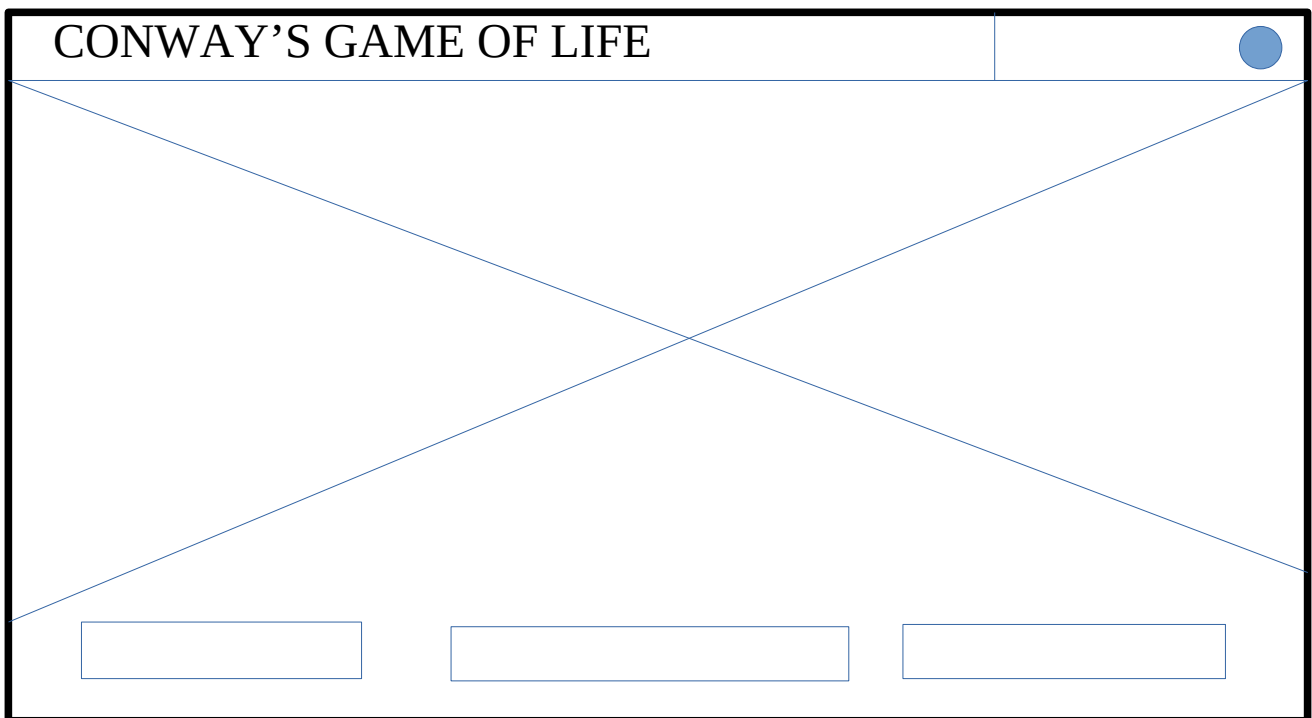


5 – PHYSICS SIMULATIONS

6- CONWAY'S GAME OF LIFE

The game of life, also known simply as life, is cellular automaton devised by the British mathematician John Horton Conway in 1970. It is a zero-player game, meaning that its evolution is determined by its initial state.

This game is based on rules that will be explained later, From this rule a whole universe of machine cells are born



6 – GAME OF LIFE

There is

no limit

to add more visual rendering subjects