Universidade de Federal do ABC

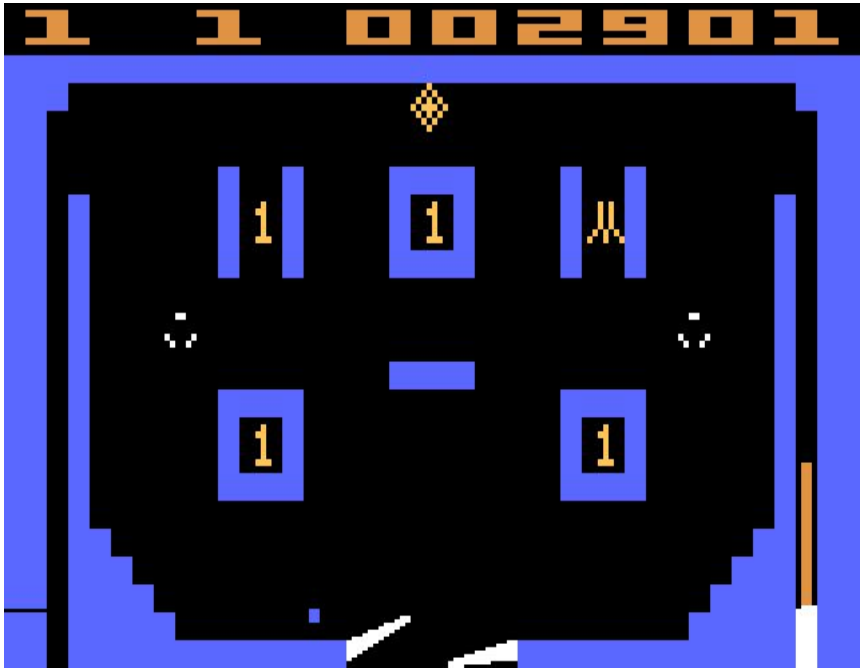
Engenharia Unificada I - Protótipo de *Pinball*

Ana Laura Belotto Claudio
Gilmar Correia Jeronimo
Gustavo Afonso de Castro
João Gabriel Silva Pacheco
Nicolas Notton Izepe
Pedro Henrique Moreira Olyntho

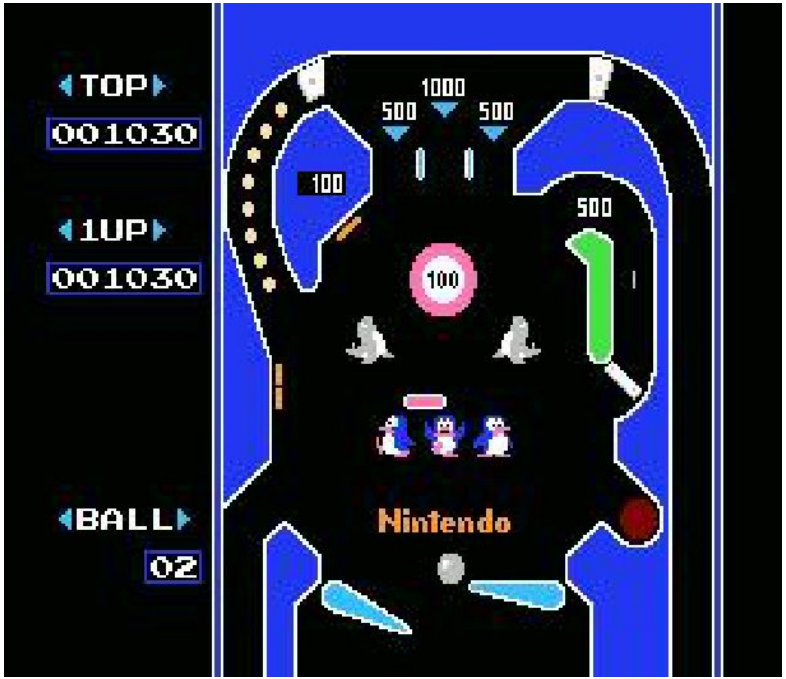
Breve história do *Pinball*

Bagatelle

Máquina de *Pinball*



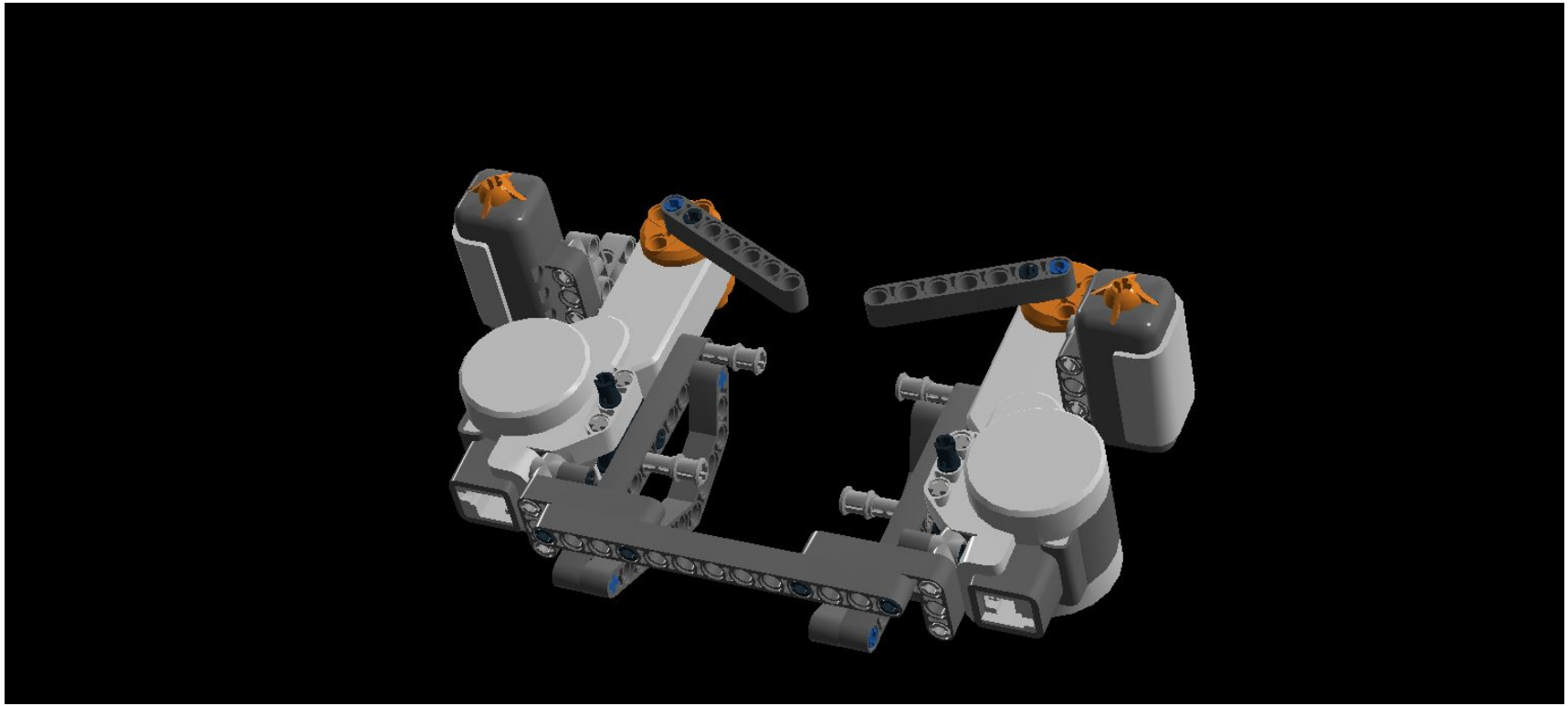
Video Pinball - Atari



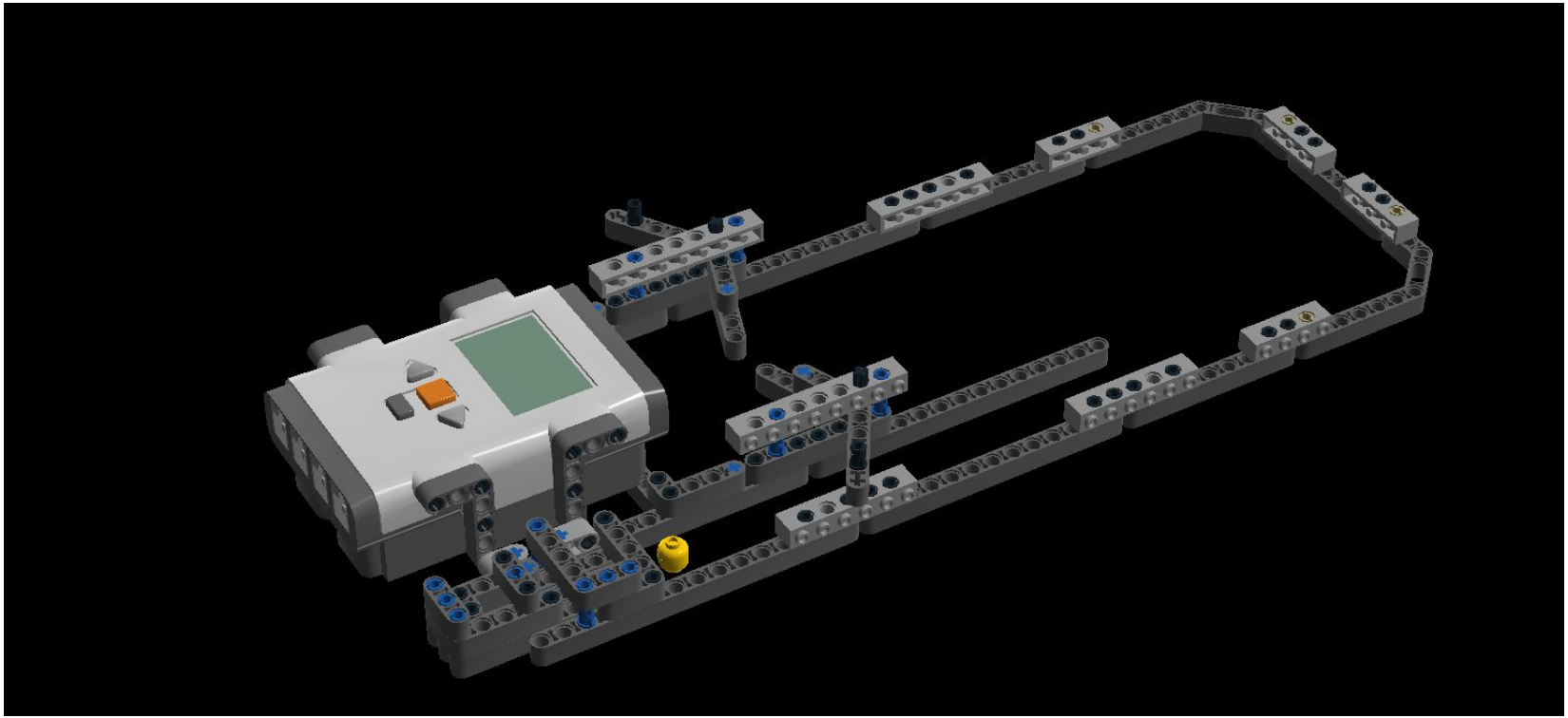
Pinball Wizardry - Nintendo

Montagem e *Design*

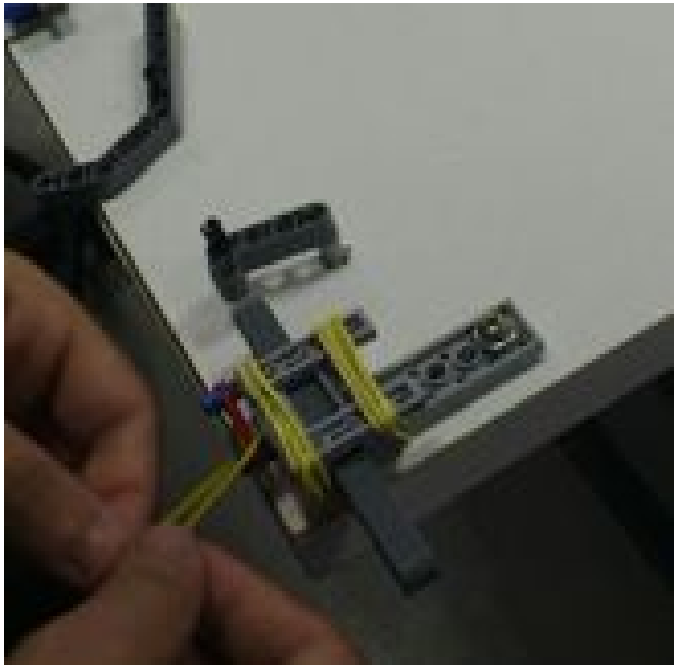
Primeira versão



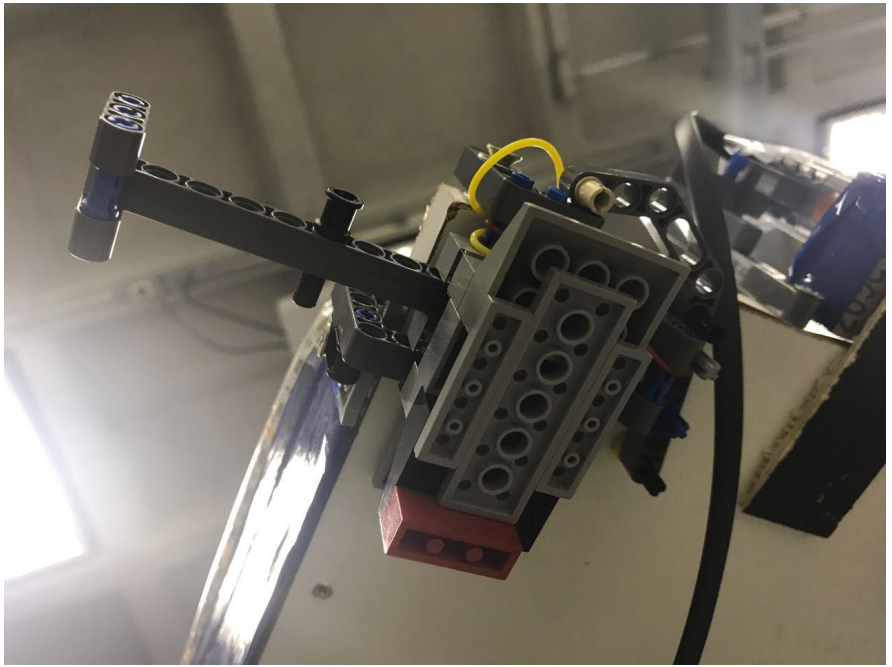
Segunda versão



Mecanismos das aletas



Inicial

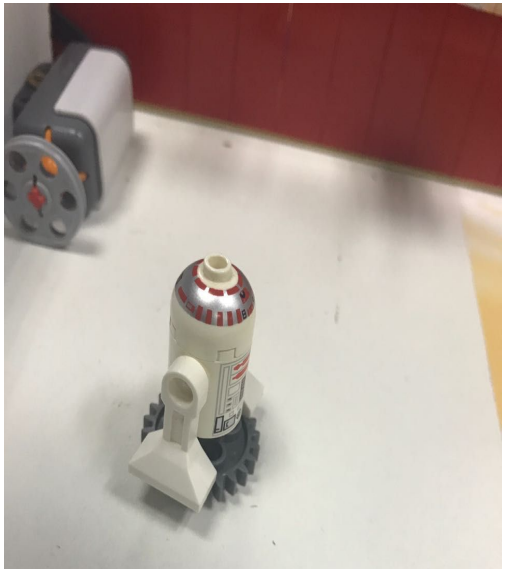


Final

Motores

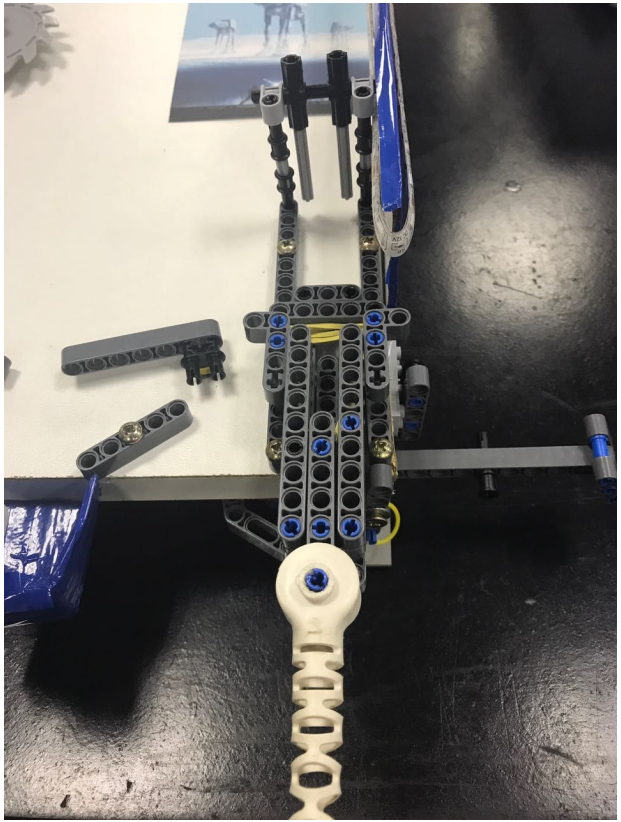
A

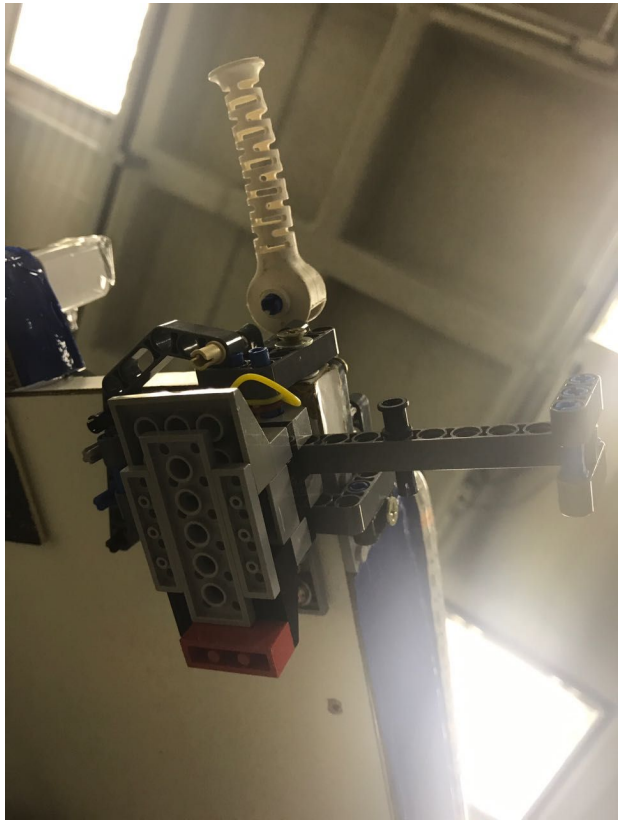
B



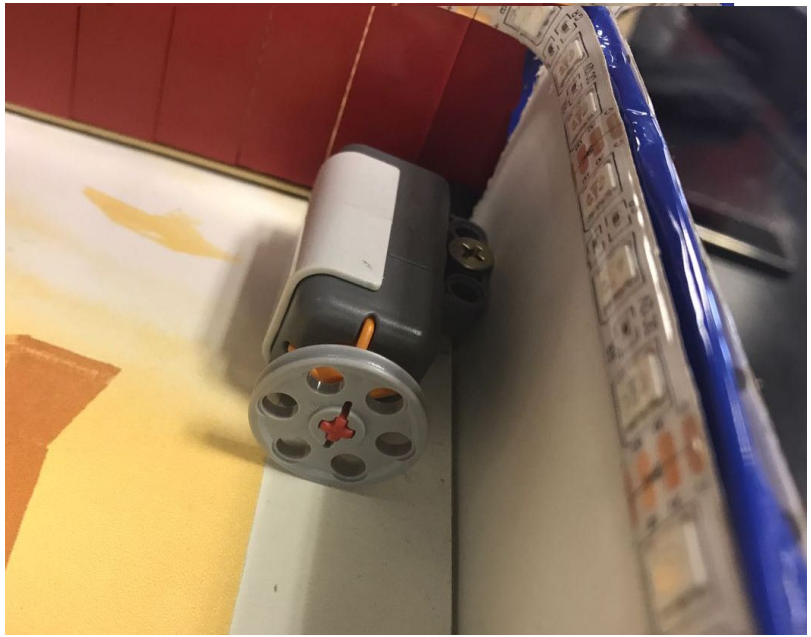
C

Lançador



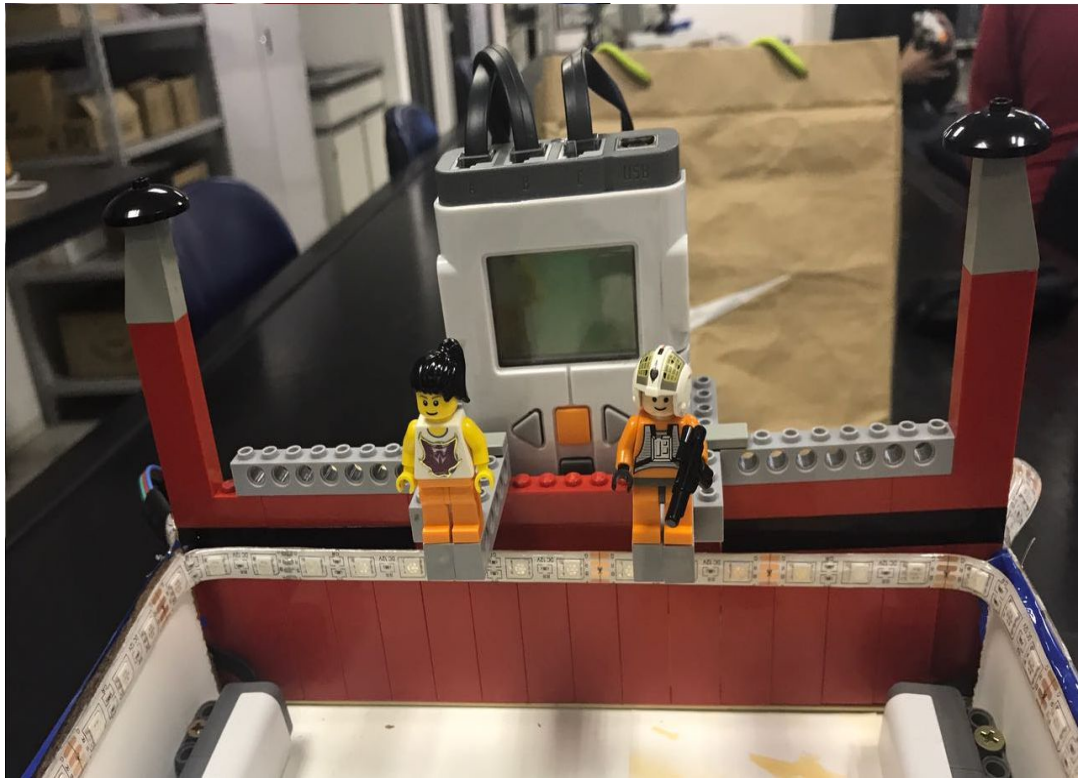


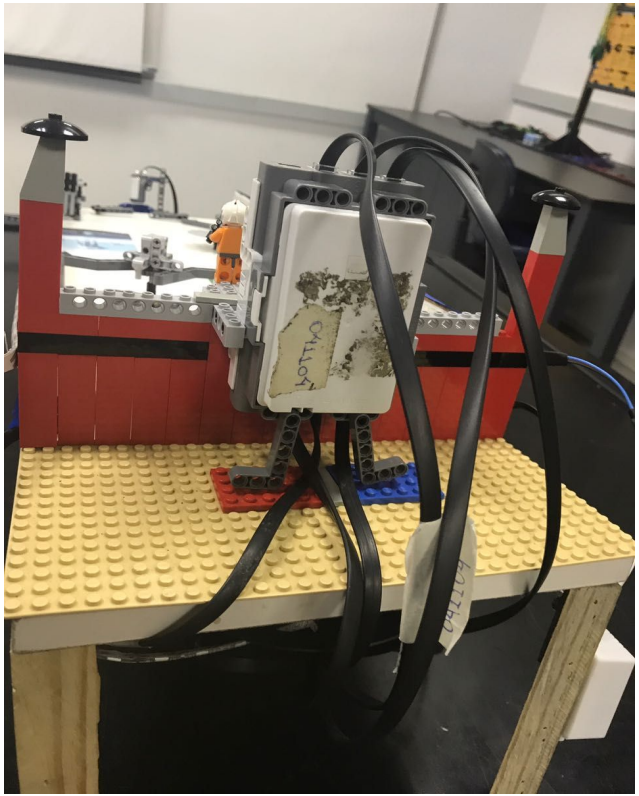
Sensores de toque



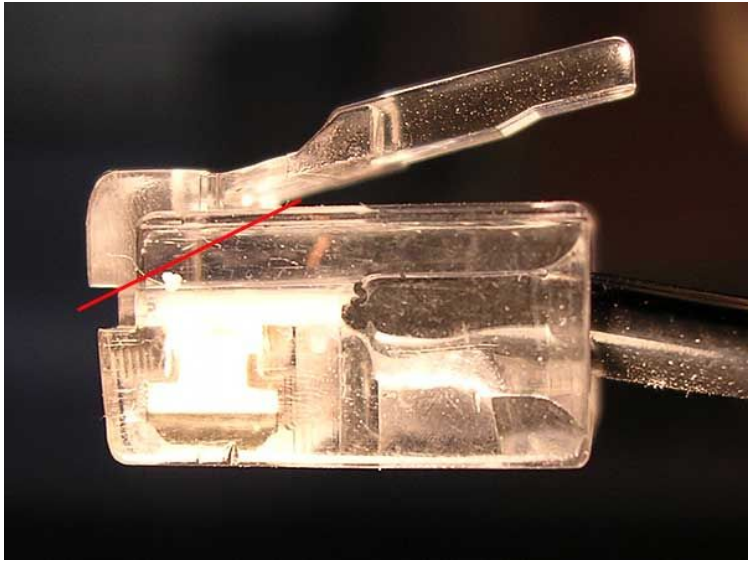
Sensor de luz

NXT



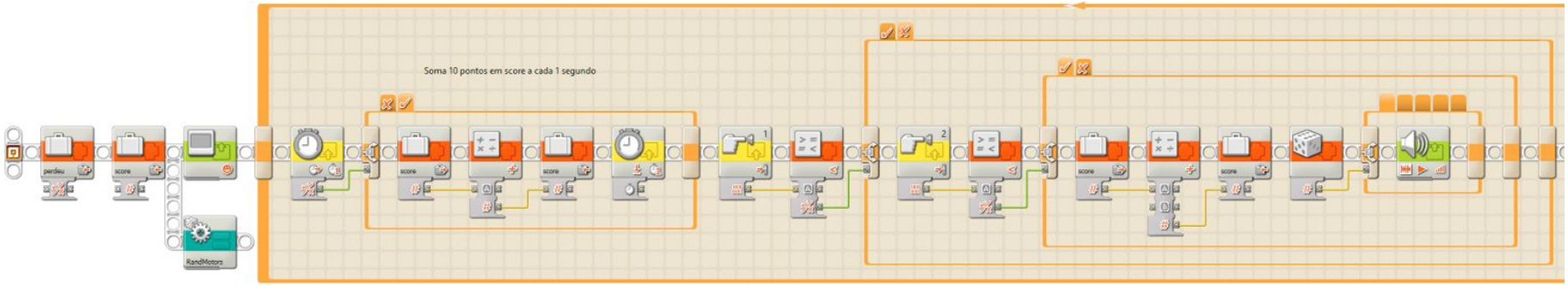


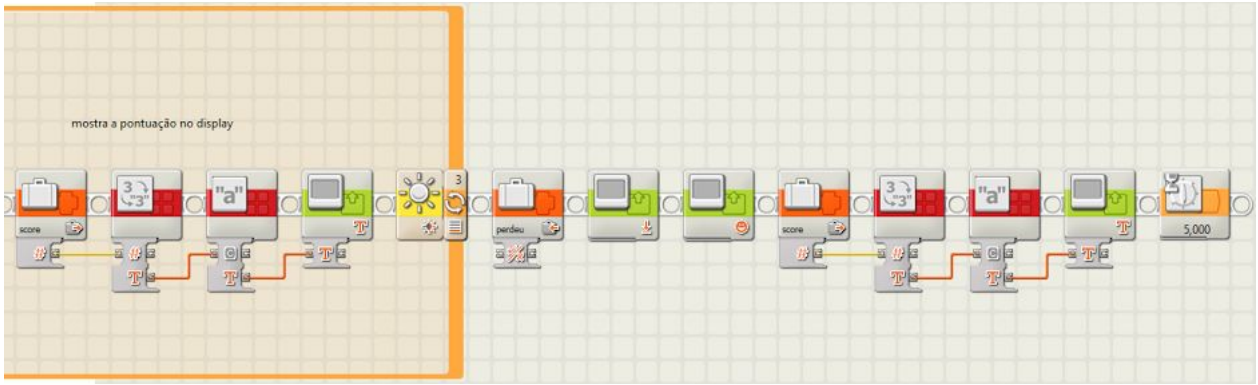
Cabos



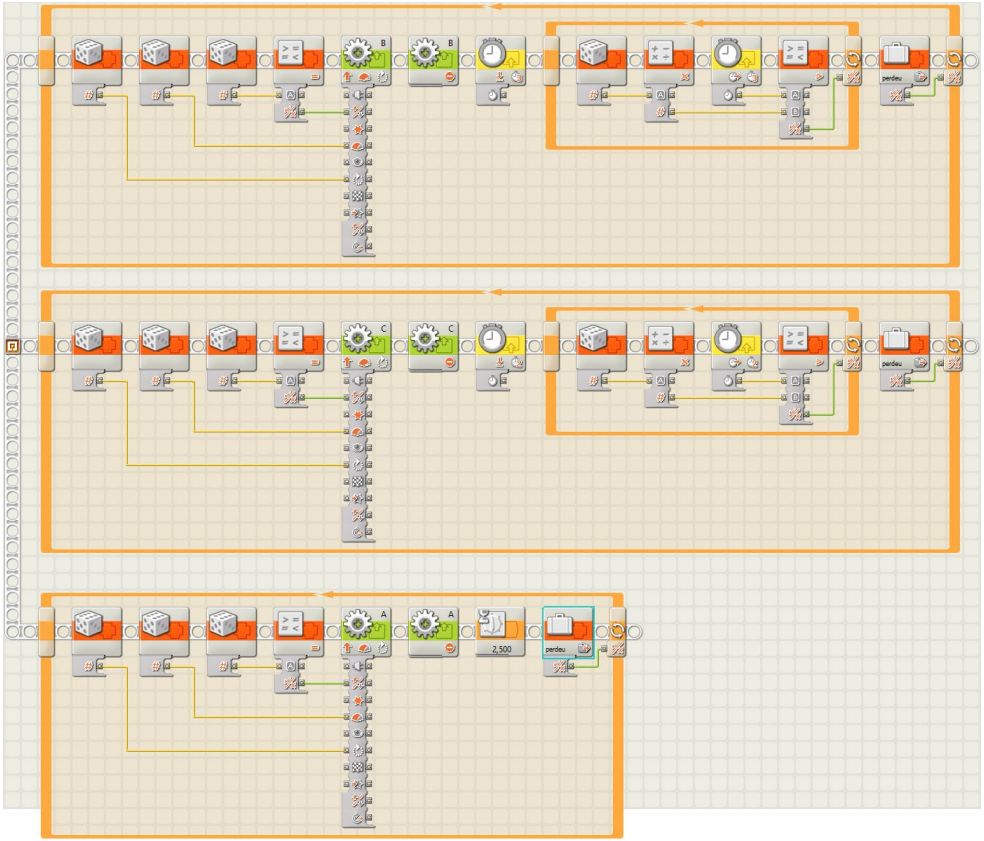
Programação

MINDSTORMS

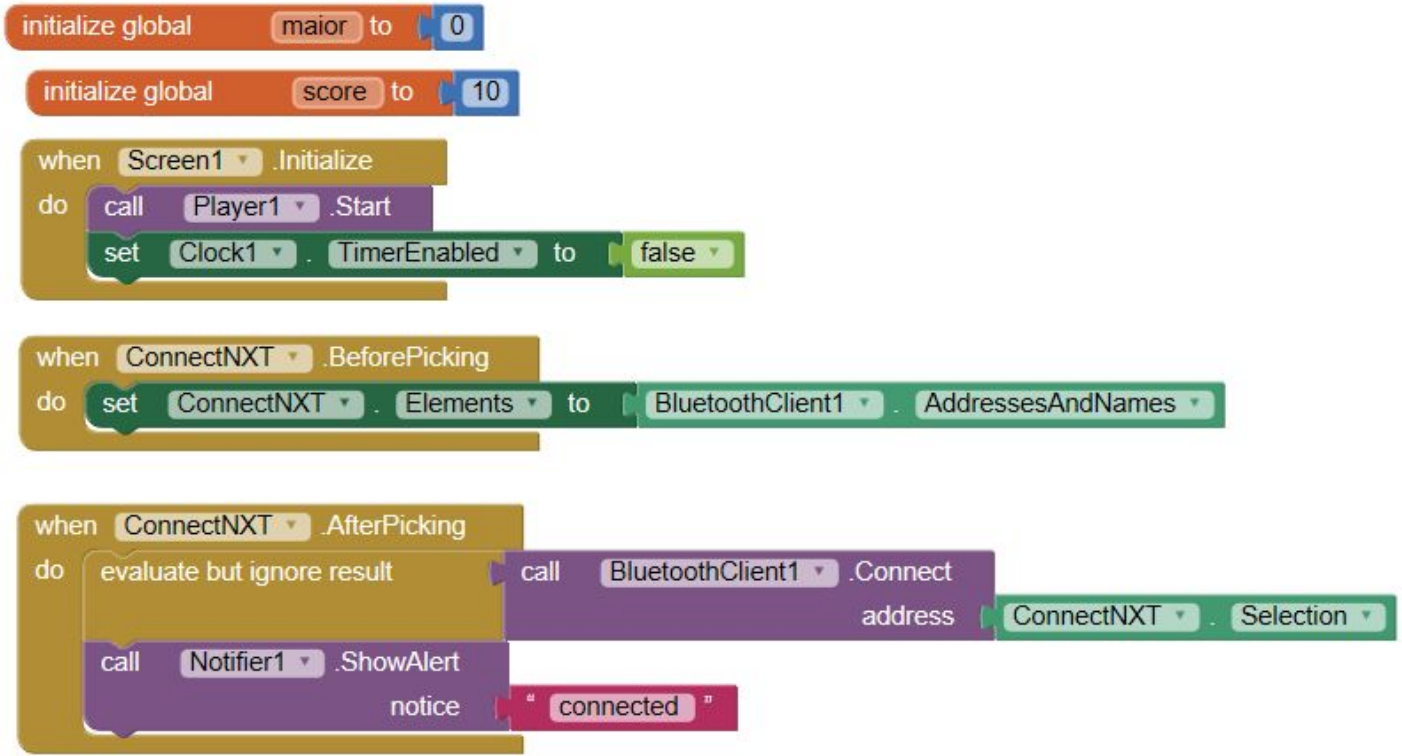

Soma 10 pontos em score a cada 1 segundo
perdeu
score
RandMotors


mostra a pontuação no display
score
"a"
perdeu
5,000

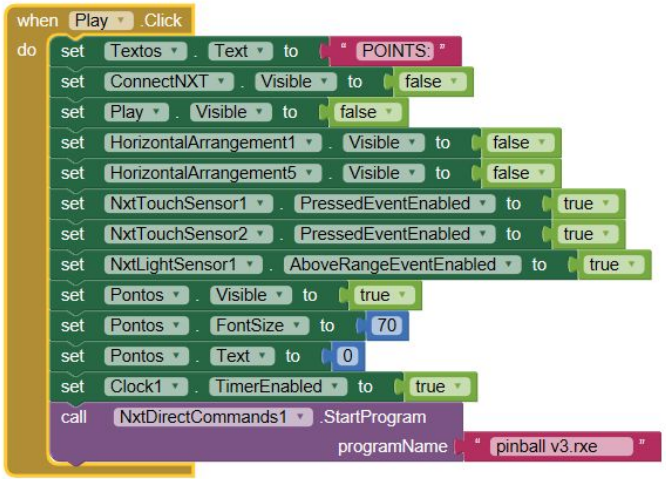
MINDSTORMS

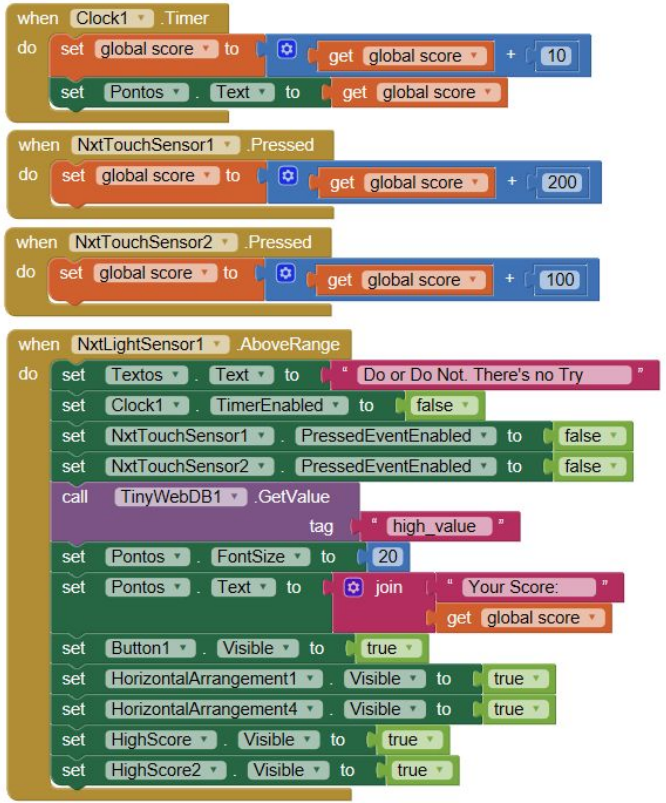


MIT APP INVENTOR

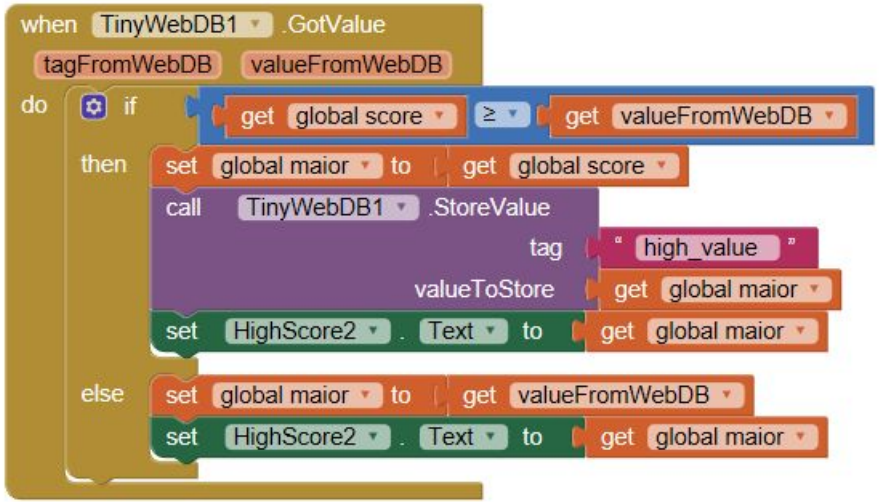


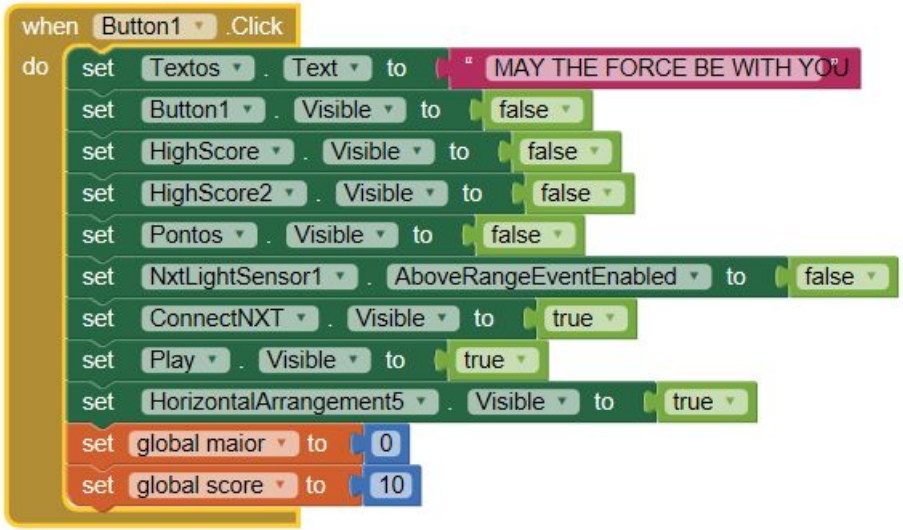
MIT APP INVENTOR





MIT APP INVENTOR

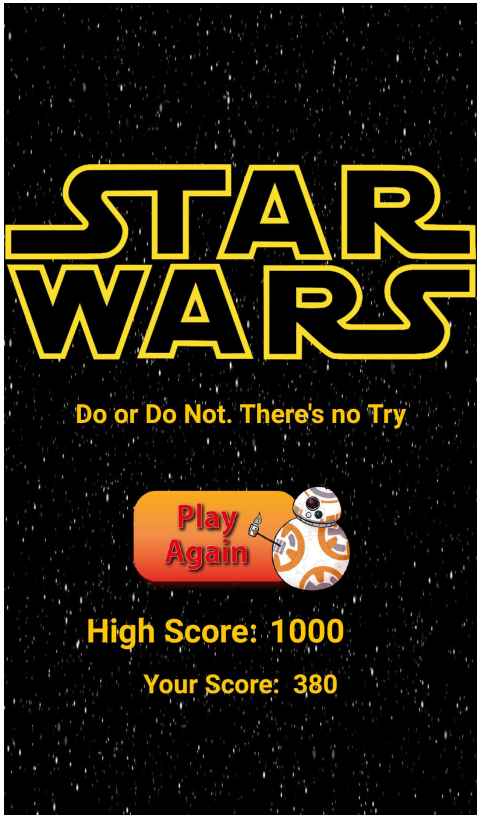




DESIGN

STAR WARS
MAY THE FORCE BE WITH YOU
Connect
PLAY

STAR WARS
POINTS:
310


STAR WARS
Do or Do Not. There's no Try
Play Again
High Score: 1000
Your Score: 380

SENSOR DE TOQUE

VERSÃO FINAL