Mastermind. Requisitos 1. **Básica**

Santa Tecla

parqueNaturalSantaTecla@gmail.com

Version 0.0.1

Índice

Requisitos

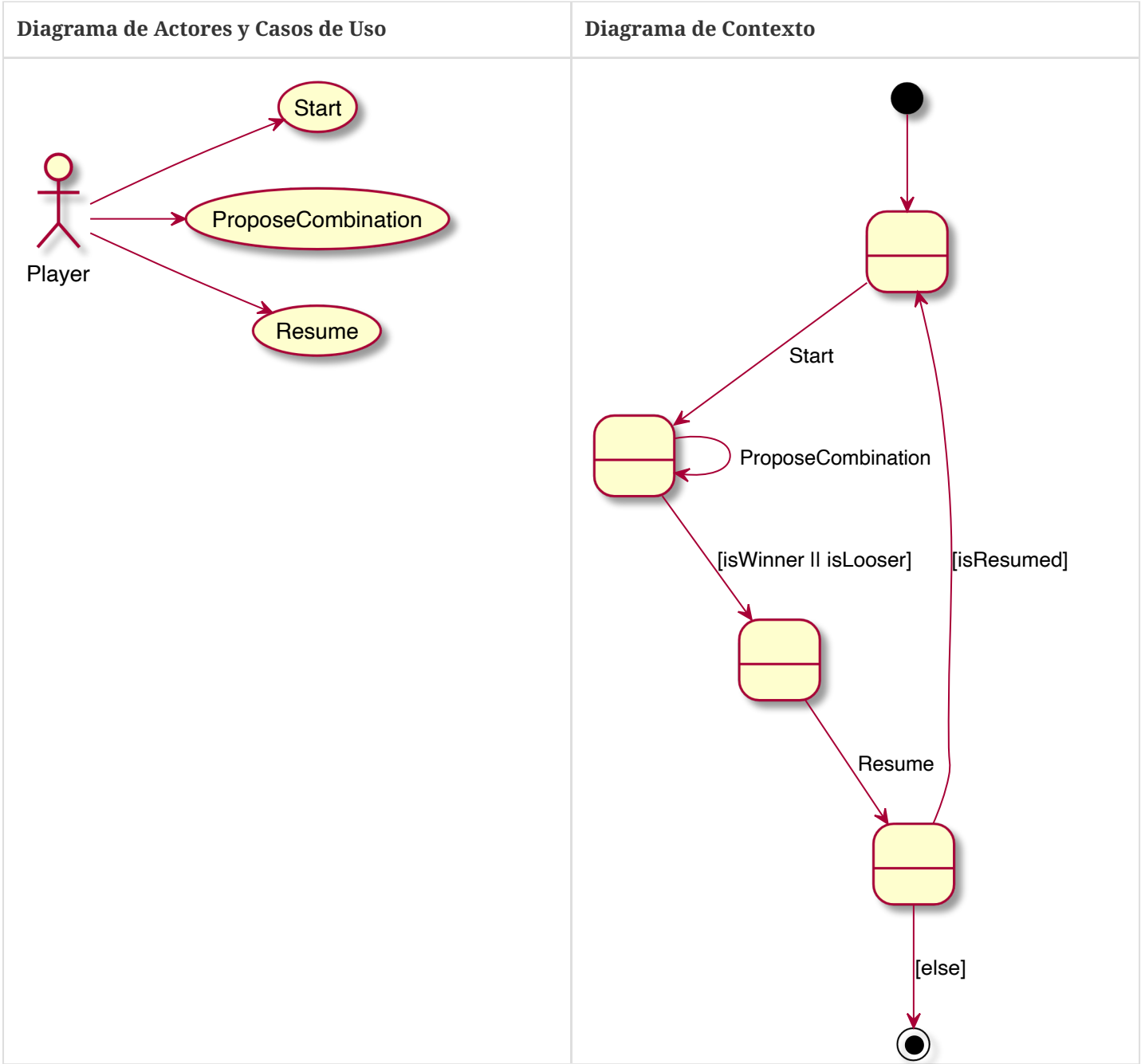- **Wiki** (https://en.wikipedia.org/wiki/Mastermind_(board_game))
  - **Youtube** (https://www.youtube.com/watch?v=2-hTeg2M6GQ)

  - *Funcionalidad: **Básica***

  - *Interfaz: **Texto***

  - *Distribución: **Standalone***

  - *Persistencia: **No***

Vista de Casos de Uso

Diagrama de Actores y Casos de Uso	Diagrama de Contexto

Prototipo de Interfaz

```
----- MASTERMIND -----

0 attempt(s):
xxxx
Propose a combination: rybgpo
Wrong proposed combination length
Propose a combination: rybÑ
Wrong colors, they must be: rbygop
Propose a combination: rybo

1 attempt(s):
xxxx
rybo --> 1 blacks and 1 whites
Propose a combination: byro
```

```
----- MASTERMIND -----

0 attempt(s):
xxxx
Propose a combination: pgro

1 attempt(s):
xxxx
pgro --> 0 blacks and 3 whites
Propose a combination: rybo

2 attempt(s):
xxxx
pgro --> 0 blacks and 3 whites
rybo --> 0 blacks and 3 whites
```

```
2 attempt(s):
xxxx
rybo --> 1 blacks and 1 whites
byro --> 2 blacks and 0 whites
Propose a combination: pgro

3 attempt(s):
xxxx
rybo --> 1 blacks and 1 whites
byro --> 2 blacks and 0 whites
pgro --> 4 blacks and 0 whites
You've won!!! ;-)
RESUME? (y/n): y
```

```
Propose a combination: gyro

3 attempt(s):
xxxx
pgro --> 0 blacks and 3 whites
rybo --> 0 blacks and 3 whites
gyro --> 0 blacks and 4 whites
Propose a combination: royg

4 attempt(s):
xxxx
pgro --> 0 blacks and 3 whites
rybo --> 0 blacks and 3 whites
gyro --> 0 blacks and 4 whites
royg --> 2 blacks and 2 whites
Propose a combination: geyp
Wrong colors, they must be: rbygop
Propose a combination: prgy

5 attempt(s):
xxxx
pgro --> 0 blacks and 3 whites
rybo --> 0 blacks and 3 whites
gyro --> 0 blacks and 4 whites
royg --> 2 blacks and 2 whites
prgy --> 1 blacks and 2 whites
Propose a combination: rgyo

6 attempt(s):
xxxx
pgro --> 0 blacks and 3 whites
rybo --> 0 blacks and 3 whites
gyro --> 0 blacks and 4 whites
royg --> 2 blacks and 2 whites
prgy --> 1 blacks and 2 whites
rgyo --> 1 blacks and 3 whites
Propose a combination: ybor

7 attempt(s):
xxxx
pgro --> 0 blacks and 3 whites
rybo --> 0 blacks and 3 whites
gyro --> 0 blacks and 4 whites
royg --> 2 blacks and 2 whites
prgy --> 1 blacks and 2 whites
rgyo --> 1 blacks and 3 whites
ybor --> 0 blacks and 3 whites
Propose a combination: bpry

8 attempt(s):
xxxx
pgro --> 0 blacks and 3 whites
rybo --> 0 blacks and 3 whites
gyro --> 0 blacks and 4 whites
royg --> 2 blacks and 2 whites
prgy --> 1 blacks and 2 whites
rgyo --> 1 blacks and 3 whites
ybor --> 0 blacks and 3 whites
bpry --> 0 blacks and 2 whites
Propose a combination: ygbr

9 attempt(s):
xxxx
pgro --> 0 blacks and 3 whites
rybo --> 0 blacks and 3 whites
gyro --> 0 blacks and 4 whites
royg --> 2 blacks and 2 whites
prgy --> 1 blacks and 2 whites
```

```
rgyo --> 1 blacks and 3 whites
ybor --> 0 blacks and 3 whites
bpry --> 0 blacks and 2 whites
ygbr --> 0 blacks and 3 whites
Propose a combination: pgrb

10 attempt(s):
xxxx
pgro --> 0 blacks and 3 whites
rybo --> 0 blacks and 3 whites
gyro --> 0 blacks and 4 whites
royg --> 2 blacks and 2 whites
prgy --> 1 blacks and 2 whites
rgyo --> 1 blacks and 3 whites
ybor --> 0 blacks and 3 whites
bpry --> 0 blacks and 2 whites
ygbr --> 0 blacks and 3 whites
pgrb --> 0 blacks and 2 whites
You've lost!!! :-(
RESUME? (y/n): n
```