Proyecto 1 - Máquina de Estados Finitos

● Interfaz principal, selección de menús.
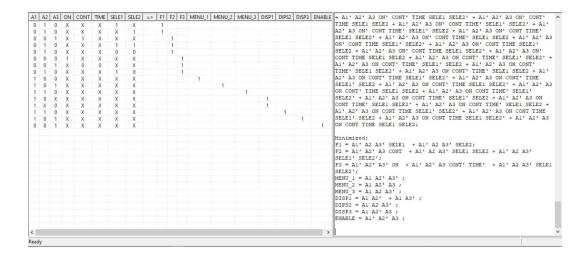
Tabla de transiciones de estado:

ESTADO	INPUTS					ESTADO
ACTUAL	On	Continuar	Time	Seleccionar 1	Seleccionar 2	FUTURO
SR	0	X	X	X	X	SR'
SR	1	X	X	X	X	S0'
S0	X	0	0	X	X	S0'
S0	X	0	1	X	X	SR'
S0	X	1	X	X	X	S1'
S1	X	X	X	0	0	S1'
S1	X	X	X	0	1	S2'
S1	X	X	X	1	0	S3'
S1	X	X	X	1	1	S4'
S2	X	X	X	X	X	S0'
S3	X	X	X	X	X	S0'
S4	X	X	X	X	X	S0'

Tabla de transiciones de estado codificada:

A1	A2	A3	ON	CONT	TIME	SELE1	SELE2	F1	F2	F3
0	0	0	0	X	X	X	X	0	0	0
0	0	0	1	X	X	X	X	0	0	1
0	0	1	X	0	0	X	X	0	0	1
0	0	1	X	0	1	X	X	0	0	0
0	0	1	X	1	X	X	X	0	1	0
0	1	0	X	X	X	0	0	0	1	0
0	1	0	X	X	X	0	1	1	0	0
0	1	0	X	X	X	1	0	1	0	1
0	1	0	X	X	X	1	1	1	1	0
1	0	0	X	X	X	X	X	1	0	0
1	0	1	X	X	X	X	X	1	0	1
1	1	0	X	X	X	X	X	1	1	0

Tabla de salidas:

AC	TU	AL	OUTPUTS						
A1	A2	A3	MENU_1	MENU_2	MENU_3	DISP1	DIPS2	DISP3	ENABLE
0	0	0	X	X	X	0	0	0	0
0	0	0	X	X	X	0	0	0	0
0	0	1	X	X	X	0	0	0	1
0	0	1	X	X	X	0	0	0	1
0	0	1	X	X	X	0	0	0	1
0	1	0	X	X	X	0	0	0	0
0	1	0	X	X	X	0	0	0	0
0	1	0	X	X	X	0	0	0	0
0	1	0	X	X	X	0	0	0	0
1	0	0	1	0	0	1	0	0	0
1	0	1	0	1	0	1	0	1	0
1	1	0	0	0	1	1	1	0	0

Tabla obtenida con la herramienta Logic Friday:

Ecuaciones Booleanas:

```
Minimized:
F1 = A1' A2 A3' SELE1  + A1' A2 A3' SELE2;
F2 = A1' A2' A3 CONT  + A1' A2 A3' SELE1 SELE2 + A1' A2 A3'
SELE1' SELE2';
F3 = A1' A2' A3' ON  + A1' A2 A3 CONT' TIME'  + A1' A2 A3' SELE1 SELE2';
MENU_1 = A1 A2' A3' ;
MENU_2 = A1 A2' A3 ;
MENU_3 = A1 A2 A3' ;
DISP1 = A1 A2'  + A1 A3' ;
DIPS2 = A1 A2 A3' ;
DISP3 = A1 A2' A3 ;
ENABLE = A1' A2' A3 ;
```

- Interfaz del menú 1, 2 y 3 - Menú de platos fuertes, guarniciones y bebidas respectivamente

Tabla de transiciones de estado:

ESTADO	INPUTS						ESTADO
ACTUAL	ON	CONT	TIME	SELE1	SELE2	SELE3	FUTURO
SR	0	X	X	X	X	X	SR
SR	1	X	X	X	X	X	S0
0	X	0	0	X	X	X	S0
S0	X	0	1	X	X	X	SR
S0	X	1	X	X	X	X	S1
S1	X	X	X	0	0	0	S1
S1	X	X	X	0	0	1	S2
S1	X	X	X	0	1	0	S3
S1	X	X	X	0	1	1	S4
S1	X	X	X	1	0	0	S5
S1	X	X	X	1	0	1	S1
S1	X	X	X	1	1	0	S1
S1	X	X	X	1	1	1	S0
S2	X	X	X	X	X	X	SR
S3	X	X	X	X	X	X	SR
S4	X	X	X	X	X	X	SR
S5	X	X	X	X	X	X	SR

Tabla de transiciones de estado codificada:

A1	A2	A3	ON	CONT	TIME	SELE1	SELE2	SELE3	F1	F2	F3
0	0	0	0	X	X	X	X	X	0	0	0
0	0	0	1	X	X	X	X	X	0	0	1
0	0	1	X	0	0	X	X	X	0	0	1
0	0	1	X	0	1	X	X	X	0	0	0
0	0	1	X	1	X	X	X	X	0	1	0
0	1	0	X	X	X	0	0	0	0	1	0
0	1	0	X	X	X	0	0	1	0	1	1
0	1	0	X	X	X	0	1	0	1	0	0
0	1	0	X	X	X	0	1	1	1	0	1
0	1	0	X	X	X	1	0	0	1	1	0
0	1	0	X	X	X	1	0	1	0	1	0
0	1	0	X	X	X	1	1	0	0	1	0
0	1	0	X	X	X	1	1	1	0	0	1
0	1	1	X	X	X	X	X	X	0	0	0
1	0	0	X	X	X	X	X	X	0	0	0
1	0	1	X	X	X	X	X	X	0	0	0
1	1	0	X	X	X	X	X	X	0	0	0

Tabla de salidas:

A1	A2	A3	F1	F2	F3	OP1	OP2	OP3	OP4	DISP1	DISP2	DISP3	DISP4	ENABLE
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
0	0	1	0	1	0	0	0	0	0	0	0	0	0	1
0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
0	1	0	0	1	1	0	0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0	1	0	1	0	1	0	0	0	0	0	0	0	0	0
0	1	0	1	1	0	0	0	0	0	0	0	0	0	0
0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
0	1	1	0	0	0	1	0	0	0	1	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	1	0	0	0
1	0	1	0	0	0	0	0	1	0	0	0	1	0	0
1	1	0	0	0	0	0	0	0	1	0	0	0	1	0

Tabla obtenida con la herramienta Logic Friday:

Ecuaciones Booleanas:

```
Minimized:
F1 = A1' A2 A3' SELE1' SELE2  + A1' A2 A3' SELE1 SELE2' SELE3';
F2 = A1' A2' A3 CONT  + A1' A2 A3' SELE2'  + A1' A2 A3' SELE1 SELE3';
F3 = A1' A2' A3' ON  + A1' A2' A3 CONT' TIME'  + A1' A2 A3' SELE1' SELE3 +
A1' A2 A3' SELE2 SELE3;
OP1 = A1' A2 A3 ;
OP2 = A1 A2' A3' ;
OP3 = A1 A2' A3 ;
OP4 = A1 A2 A3' ;
DISP1 = A1' A2 A3 ;
DISP2 = A1 A2' A3' ;
DISP3 = A1 A2' A3 ;
DISP4 = A1 A2 A3' ;
ENABLE = A1' A2' A3 ;
```

- Selección de bebidas

- Bebida 1

Tabla de transiciones de estado

ACTUAL	DISP1	DISP2	DISP3	DISP4	SELE1	SELE2	FUTURO
SR	0	0	0	0	X	X	SR
SR	0	0	0	1	X	X	SR
SR	0	0	1	0	X	X	SR
SR	0	0	1	1	X	X	SR
SR	0	1	0	0	X	X	SR
SR	0	1	0	1	X	X	SR
SR	0	1	1	0	X	X	SR
SR	0	1	1	1	X	X	SR
SR	1	0	0	1	X	X	SR
SR	1	0	1	0	X	X	SR
SR	1	0	1	1	X	X	SR
SR	1	1	0	0	X	X	SR
SR	1	1	0	1	X	X	SR
SR	1	1	1	0	X	X	SR
SR	1	1	1	1	X	X	SR
SR	1	0	0	0	X	X	S0
S0	X	X	X	X	0	0	S0
S0	X	X	X	X	1	1	S0
S0	X	X	X	X	0	1	S1
S0	X	X	X	X	1	0	S2
S1	X	X	X	X	X	X	SR
S2	X	X	X	X	X	X	SR

Tabla de transiciones de estado codificada:

A1	A2	A3	DISP1	DISP2	DISP3	DISP4	SELE1	SELE2	F1	F2	F3
0	0	0	0	0	0	0	X	X	0	0	0
0	0	0	0	0	0	1	X	X	0	0	0
0	0	0	0	0	1	0	X	X	0	0	0
0	0	0	0	0	1	1	X	X	0	0	0
0	0	0	0	1	0	0	X	X	0	0	0
0	0	0	0	1	0	1	X	X	0	0	0
0	0	0	0	1	1	0	X	X	0	0	0
0	0	0	0	1	1	1	X	X	0	0	0
0	0	0	1	0	0	1	X	X	0	0	0
0	0	0	1	0	1	0	X	X	0	0	0
0	0	0	1	0	1	1	X	X	0	0	0
0	0	0	1	1	0	0	X	X	0	0	0
0	0	0	1	1	0	1	X	X	0	0	0
0	0	0	1	1	1	0	X	X	0	0	0
0	0	0	1	1	1	1	X	X	0	0	0
0	0	0	1	0	0	0	X	X	0	0	1
0	0	1	X	X	X	X	0	0	0	0	1
0	0	1	X	X	X	X	1	1	0	0	1
0	0	1	X	X	X	X	0	1	0	1	0
0	0	1	X	X	X	X	1	0	0	1	1
0	1	0	X	X	X	X	X	X	0	0	0
0	1	1	X	X	X	X	X	X	0	0	0

Tabla de salidas:

A1	A2	A3	G	P
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	1	0	0
0	0	1	0	0
0	0	1	1	0
0	0	1	0	1
0	1	0	0	0
0	1	1	0	0

Tabla obtenida con la herramienta Logic Friday:

Ecuaciones Booleanas:

```
Minimized:
F1 = 0;
F2 = A1' A2' A3 SELE1' SELE2 + A1' A2' A3 SELE1 SELE2';
F3 = A1' A2' A3 SELE1  + A1' A2' A3 SELE2' + A1' A2' A3' DISP1 DISP2' DISP3' DISP4' ;
G = A1' A2' A3 SELE1' SELE2;
P = A1' A2' A3 SELE1 SELE2';
```

- Bebida 2

Tabla de transiciones de estado:

ACTUAL	DISP1	DISP2	DISP3	DISP4	SELE1	SELE2	FUTURO
SR	0	0	0	0	X	X	SR
SR	0	0	0	1	X	X	SR
SR	0	0	1	0	X	X	SR
SR	0	0	1	1	X	X	SR
SR	0	1	0	0	X	X	S0
SR	0	1	0	1	X	X	SR
SR	0	1	1	0	X	X	SR
SR	0	1	1	1	X	X	SR
SR	1	0	0	1	X	X	SR
SR	1	0	1	0	X	X	SR
SR	1	0	1	1	X	X	SR
SR	1	1	0	0	X	X	SR
SR	1	1	0	1	X	X	SR
SR	1	1	1	0	X	X	SR
SR	1	1	1	1	X	X	SR
SR	1	0	0	0	X	X	SR
S0	X	X	X	X	0	0	S0
S0	X	X	X	X	1	1	S0
S0	X	X	X	X	0	1	S1
S0	X	X	X	X	1	0	S2
S1	X	X	X	X	X	X	SR
S2	X	X	X	X	X	X	SR

Tabla de transiciones de estado codificada:

A1	A2	A3	DISP1	DISP2	DISP3	DISP4	SELE1	SELE2	F1	F2	F3
0	0	0	0	0	0	0	X	X	0	0	0
0	0	0	0	0	0	1	X	X	0	0	0
0	0	0	0	0	1	0	X	X	0	0	0
0	0	0	0	0	1	1	X	X	0	0	0
0	0	0	0	1	0	0	X	X	0	0	1
0	0	0	0	1	0	1	X	X	0	0	0
0	0	0	0	1	1	0	X	X	0	0	0
0	0	0	0	1	1	1	X	X	0	0	0
0	0	0	1	0	0	1	X	X	0	0	0
0	0	0	1	0	1	0	X	X	0	0	0
0	0	0	1	0	1	1	X	X	0	0	0
0	0	0	1	1	0	0	X	X	0	0	0
0	0	0	1	1	0	1	X	X	0	0	0
0	0	0	1	1	1	0	X	X	0	0	0
0	0	0	1	1	1	1	X	X	0	0	0
0	0	0	1	0	0	0	X	X	0	0	0
0	0	1	X	X	X	X	0	0	0	0	1
0	0	1	X	X	X	X	1	1	0	0	1
0	0	1	X	X	X	X	0	1	0	1	0
0	0	1	X	X	X	X	1	0	0	1	1
0	1	0	X	X	X	X	X	X	0	0	0
0	1	1	X	X	X	X	X	X	0	0	0

Tabla de salidas:

A1	A2	A3	G	P
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	1	0	0
0	0	1	0	0
0	0	1	1	0
0	0	1	0	1
0	1	0	0	0
0	1	1	0	0

Tabla obtenida con la herramienta Logic Friday:

Ecuaciones Booleanas:

```
Minimized:
F1 = 0;
F2 = A1' A2' A3 SELE1' SELE2 + A1' A2' A3 SELE1 SELE2';
F3 = A1' A2' A3 SELE1  + A1' A2' A3 SELE2' + A1' A2' A3' DISP1' DISP2 DISP3' DISP4' ;
G = A1' A2' A3 SELE1' SELE2;
P = A1' A2' A3 SELE1 SELE2';
```

- Bebida 3

Tabla de transiciones de estado:

ACTUAL	DISP1	DISP2	DISP3	DISP4	SELE1	SELE2	FUTURO
SR	0	0	0	0	X	X	SR
SR	0	0	0	1	X	X	SR
SR	0	0	1	0	X	X	S0
SR	0	0	1	1	X	X	SR
SR	0	1	0	0	X	X	SR
SR	0	1	0	1	X	X	SR
SR	0	1	1	0	X	X	SR
SR	0	1	1	1	X	X	SR
SR	1	0	0	1	X	X	SR
SR	1	0	1	0	X	X	SR
SR	1	0	1	1	X	X	SR
SR	1	1	0	0	X	X	SR
SR	1	1	0	1	X	X	SR
SR	1	1	1	0	X	X	SR
SR	1	1	1	1	X	X	SR
SR	1	0	0	0	X	X	SR
S0	X	X	X	X	0	0	S0
S0	X	X	X	X	1	1	S0
S0	X	X	X	X	0	1	S1
S0	X	X	X	X	1	0	S2
S1	X	X	X	X	X	X	SR
S2	X	X	X	X	X	X	SR

Tabla de transiciones de estado codificada:

A1	A2	A3	DISP1	DISP2	DISP3	DISP4	SELE1	SELE2	F1	F2	F3
0	0	0	0	0	0	0	X	X	0	0	0
0	0	0	0	0	0	1	X	X	0	0	0
0	0	0	0	0	1	0	X	X	0	0	1
0	0	0	0	0	1	1	X	X	0	0	0
0	0	0	0	1	0	0	X	X	0	0	0
0	0	0	0	1	0	1	X	X	0	0	0
0	0	0	0	1	1	0	X	X	0	0	0
0	0	0	0	1	1	1	X	X	0	0	0
0	0	0	1	0	0	1	X	X	0	0	0
0	0	0	1	0	1	0	X	X	0	0	0
0	0	0	1	0	1	1	X	X	0	0	0
0	0	0	1	1	0	0	X	X	0	0	0
0	0	0	1	1	0	1	X	X	0	0	0
0	0	0	1	1	1	0	X	X	0	0	0
0	0	0	1	1	1	1	X	X	0	0	0
0	0	0	1	0	0	0	X	X	0	0	0
0	0	1	X	X	X	X	0	0	0	0	1
0	0	1	X	X	X	X	1	1	0	0	1
0	0	1	X	X	X	X	0	1	0	1	0
0	0	1	X	X	X	X	1	0	0	1	1
0	1	0	X	X	X	X	X	X	0	0	0
0	1	1	X	X	X	X	X	X	0	0	0

Tabla de salidas:

A1	A2	A3	G	P
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	1	0	0
0	0	1	0	0
0	0	1	1	0
0	0	1	0	1
0	1	0	0	0
0	1	1	0	0

Tabla obtenida con la herramienta Logic Friday:

Ecuaciones Booleanas:

```
Minimized:
F1 = 0;
F2 = A1' A2' A3 SELE1' SELE2 + A1' A2' A3 SELE1 SELE2';
F3 = A1' A2' A3 SELE1  + A1' A2' A3 SELE2' + A1' A2' A3' DISP1' DISP2' DISP3 DISP4' ;
G = A1' A2' A3 SELE1' SELE2;
P = A1' A2' A3 SELE1 SELE2';
```

- Bebida 4

Tabla de transiciones de estado:

ACTUAL	DISP1	DISP2	DISP3	DISP4	SELE1	SELE2	FUTURO
SR	0	0	0	0	X	X	SR
SR	0	0	0	1	X	X	S0
SR	0	0	1	0	X	X	SR
SR	0	0	1	1	X	X	SR
SR	0	1	0	0	X	X	SR
SR	0	1	0	1	X	X	SR
SR	0	1	1	0	X	X	SR
SR	0	1	1	1	X	X	SR
SR	1	0	0	1	X	X	SR
SR	1	0	1	0	X	X	SR
SR	1	0	1	1	X	X	SR
SR	1	1	0	0	X	X	SR
SR	1	1	0	1	X	X	SR
SR	1	1	1	0	X	X	SR
SR	1	1	1	1	X	X	SR
SR	1	0	0	0	X	X	SR
S0	X	X	X	X	0	0	S0
S0	X	X	X	X	1	1	S0
S0	X	X	X	X	0	1	S1
S0	X	X	X	X	1	0	S2
S1	X	X	X	X	X	X	SR
S2	X	X	X	X	X	X	SR

Tabla de transiciones de estado codificada:

A1	A2	A3	DISP1	DISP2	DISP3	DISP4	SELE1	SELE2	F1	F2	F3
0	0	0	0	0	0	0	X	X	0	0	0
0	0	0	0	0	0	1	X	X	0	0	0
0	0	0	0	0	1	0	X	X	0	0	0
0	0	0	0	0	1	1	X	X	0	0	0
0	0	0	0	1	0	0	X	X	0	0	0
0	0	0	0	1	0	1	X	X	0	0	0
0	0	0	0	1	1	0	X	X	0	0	0
0	0	0	0	1	1	1	X	X	0	0	0
0	0	0	1	0	0	1	X	X	0	0	0
0	0	0	1	0	1	0	X	X	0	0	0
0	0	0	1	0	1	1	X	X	0	0	0
0	0	0	1	1	0	0	X	X	0	0	0
0	0	0	1	1	0	1	X	X	0	0	0
0	0	0	1	1	1	0	X	X	0	0	0
0	0	0	1	1	1	1	X	X	0	0	0
0	0	0	1	0	0	0	X	X	0	0	1
0	0	1	X	X	X	X	0	0	0	0	1
0	0	1	X	X	X	X	1	1	0	0	1
0	0	1	X	X	X	X	0	1	0	1	0
0	0	1	X	X	X	X	1	0	0	1	1
0	1	0	X	X	X	X	X	X	0	0	0
0	1	1	X	X	X	X	X	X	0	0	0

Tabla de salidas:

A1	A2	A3	G	P
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	1	0	0
0	0	1	0	0
0	0	1	1	0
0	0	1	0	1
0	1	0	0	0
0	1	1	0	0

Tabla obtenida con la herramienta Logic Friday:

Ecuaciones Booleanas:

```
Minimized:
F1 = 0;
F2 = A1' A2' A3 SELE1' SELE2 + A1' A2' A3 SELE1 SELE2';
F3 = A1' A2' A3 SELE1  + A1' A2' A3 SELE2' + A1' A2' A3' DISP1' DISP2' DISP3' DISP4 ;
G = A1' A2' A3 SELE1' SELE2;
P = A1' A2' A3 SELE1 SELE2';
```

- Máquina expendedora de bebida elegida

Tabla de transiciones de estado:

ACTUAL	P	G	M1	TIME1	TIME2	FUTURO
SR	0	0	X	X	X	SR
SR	1	1	X	X	X	SR
SR	0	1	X	X	X	S0
S0	X	X	0	X	X	S0
S0	X	X	1	X	X	S2
S2	X	X	X	0	X	S2
S2	X	X	X	1	X	S4
SR	1	0	X	X	X	S1
S1	X	X	0	X	X	S1
S1	X	X	1	X	X	S3
S3	X	X	X	X	0	S3
S3	X	X	X	X	1	S4
S4	X	X	X	X	X	SR

Tabla de transiciones de estado codificada:

A1	A2	A3	P	G	M1	TIME1	TIME2	F1	F2
0	0	0	0	0	X	X	X	0	0
0	0	0	1	1	X	X	X	0	0
0	0	0	0	1	X	X	X	0	0
0	0	1	X	X	0	X	X	0	0
0	0	1	X	X	1	X	X	0	1
0	1	1	X	X	X	0	X	0	1
0	1	1	X	X	X	1	X	1	0
0	0	0	1	0	X	X	X	0	1
0	1	0	X	X	0	X	X	0	1
0	1	0	X	X	1	X	X	1	0
1	0	0	X	X	X	X	0	1	0
1	0	0	X	X	X	X	1	1	0
1	0	1	X	X	X	X	X	0	0

Tabla de salidas:

A1	A2	A3	DONE	ENABLE
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	1	0	0
0	0	1	0	0
0	1	1	0	1
0	1	1	1	1
0	0	0	0	0
0	1	0	0	0
0	1	0	0	0
1	0	0	0	1
1	0	0	1	1
1	0	1	0	0

Tabla obtenida con la herramienta Logic Friday:

Minimized:
F1 = A1 A2' + A1' A2 A3' M1 + A1' A2 A3 TIME1;
F2 = A1' A2' A3 M1 + A1' A2 A3' M1' + A1' A2 A3 TIME1 + A1' A2' A3' T1 T2';
F3 = A1' A3 + A1' A2' T1' T2 + A1 A2' A3';
DONE = A1' A2 A3 TIME1 + A1 A2' A3' TIME2;
ENABLE = A1' A2 A3 + A1 A2' A3';

Ecuaciones Booleanas:

```
Minimized:
F1 = A1 A2' A3'  + A1' A2 A3' M1  + A1' A2 A3 TIME1 ;
F2 = A1' A2' A3 M1  + A1' A2 A3' M1'  + A1' A2 A3 TIME1'  + A1' A2' A3' T1 T2' ;
F3 = A1' A3  + A1' A2' T1' T2  + A1 A2' A3' TIME2;
DONE = A1' A2 A3 TIME1  + A1 A2' A3' TIME2;
ENABLE = A1' A2 A3  + A1 A2' A3' ;
```

Diagrama de Timing 1 - Interfaz de Bienvenida y selección de Menú