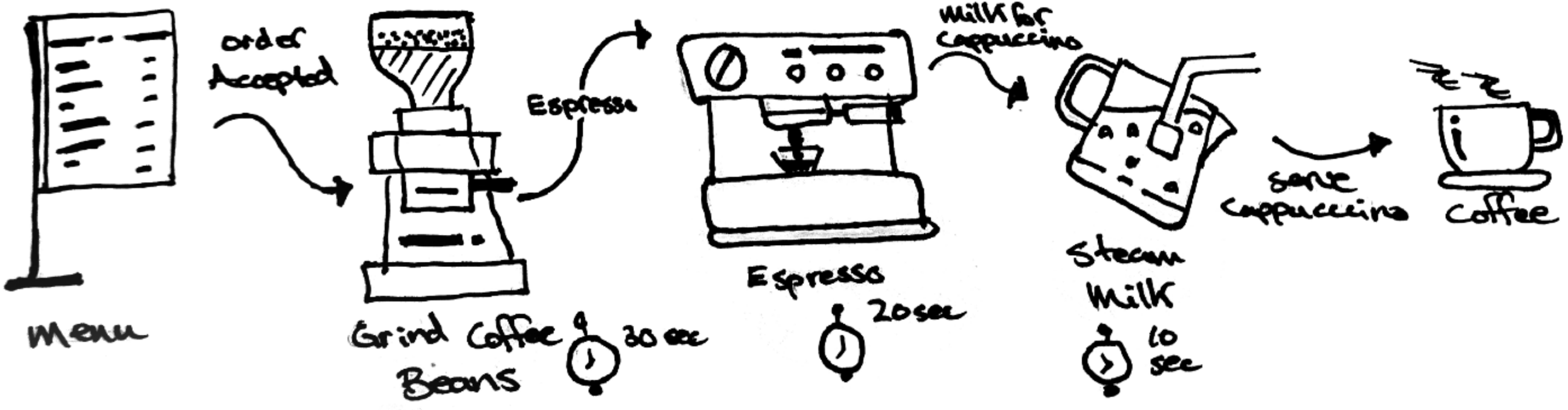
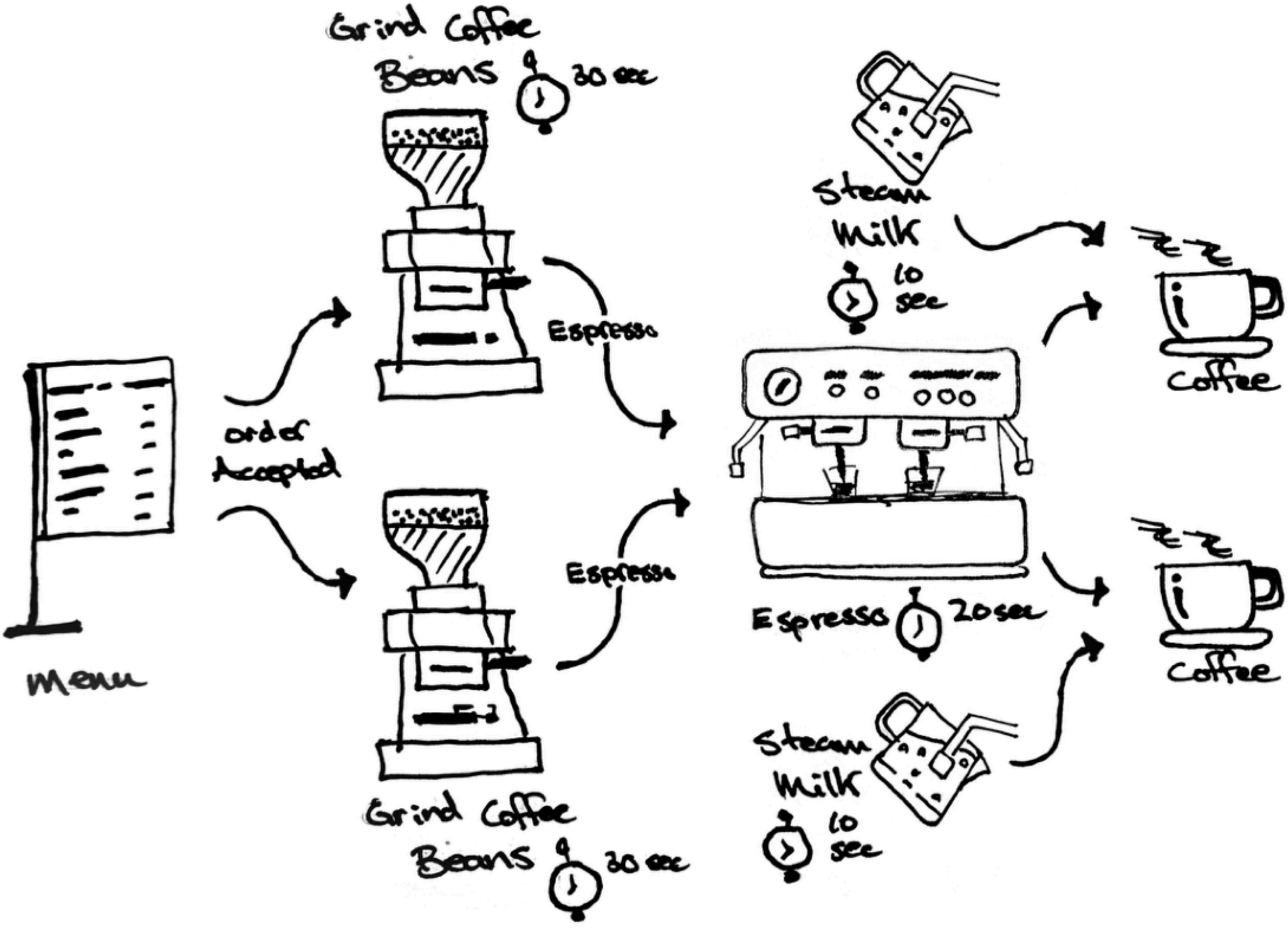

Menu
order Accepted
Grind Coffee Beans
30 sec
Espresso
Espresso
20 sec
Milk for cappuccino
Steam Milk
10 sec
serve cappuccino
Coffee

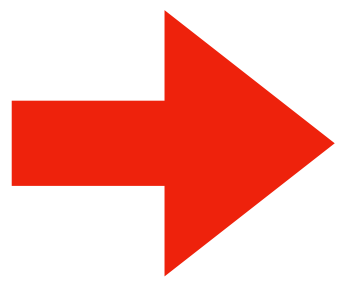

Grind Coffee Beans
30 sec
Steam Milk
10 sec
Espresso
Espresso
20 sec
Coffee
order Accepted
Menu
Grind Coffee Beans
30 sec
Espresso
Steam Milk
10 sec
Coffee

https://jagstalk.page.link/examples

```
fun main() = runBlocking {
    val orders = listOf(...)
    val ordersFlow: Flow<Menu.Cappuccino> = orders.asFlow()
        .produceIn(this)
        .asFlow()

    val espressoMachine = EspressoMachine(this)
    val time = measureTimeMillis {
        flowOf(
            processOrders(ordersFlow, espressoMachine),
            processOrders(ordersFlow, espressoMachine)
        )
            .flattenMerge()
            .collect { cappuccino ->
                log("serve: $cappuccino")
            }
    }
    log("time: $time ms")
    espressoMachine.destroy()
}

private fun <T> ReceiveChannel<T>.asFlow(): Flow<T> = flow {
    consumeEach { value ->
        emit(value)
    }
}
```



Q & A

Coroutines and Channels

```
.asFlow()
```

```
val orders = listOf(...)
```

```
fun main() = runBlocking {
```

flowOf(

```
processOrders(ordersFlow, espressoMachine),
```

```
espressoMachine.destroy()
```

```
processOrders(ordersFlow, espressoMachine)
```

```
val espressoMachine = EspressoMachine(this)
```

```
.flattenMerge()
```

```
.produceIn(this)
```

```
val ordersFlow: Flow<Menu.Cappuccino> = orders.asFlow()
```

```
val time = measureTimeMillis {
```

```
log("serve: $cappuccino")
```

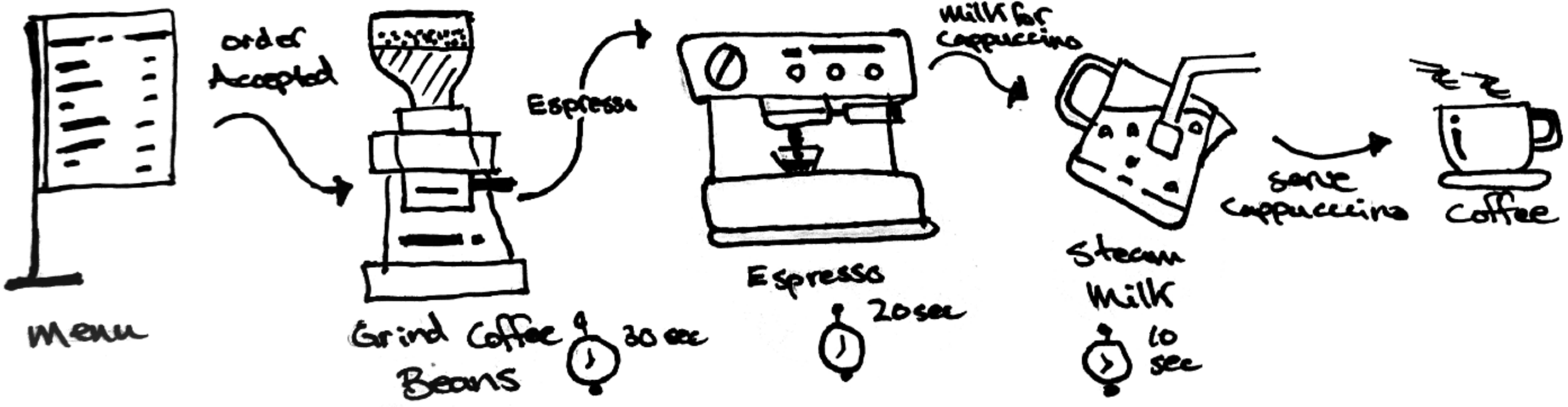
```
.collect { cappuccino ->
```

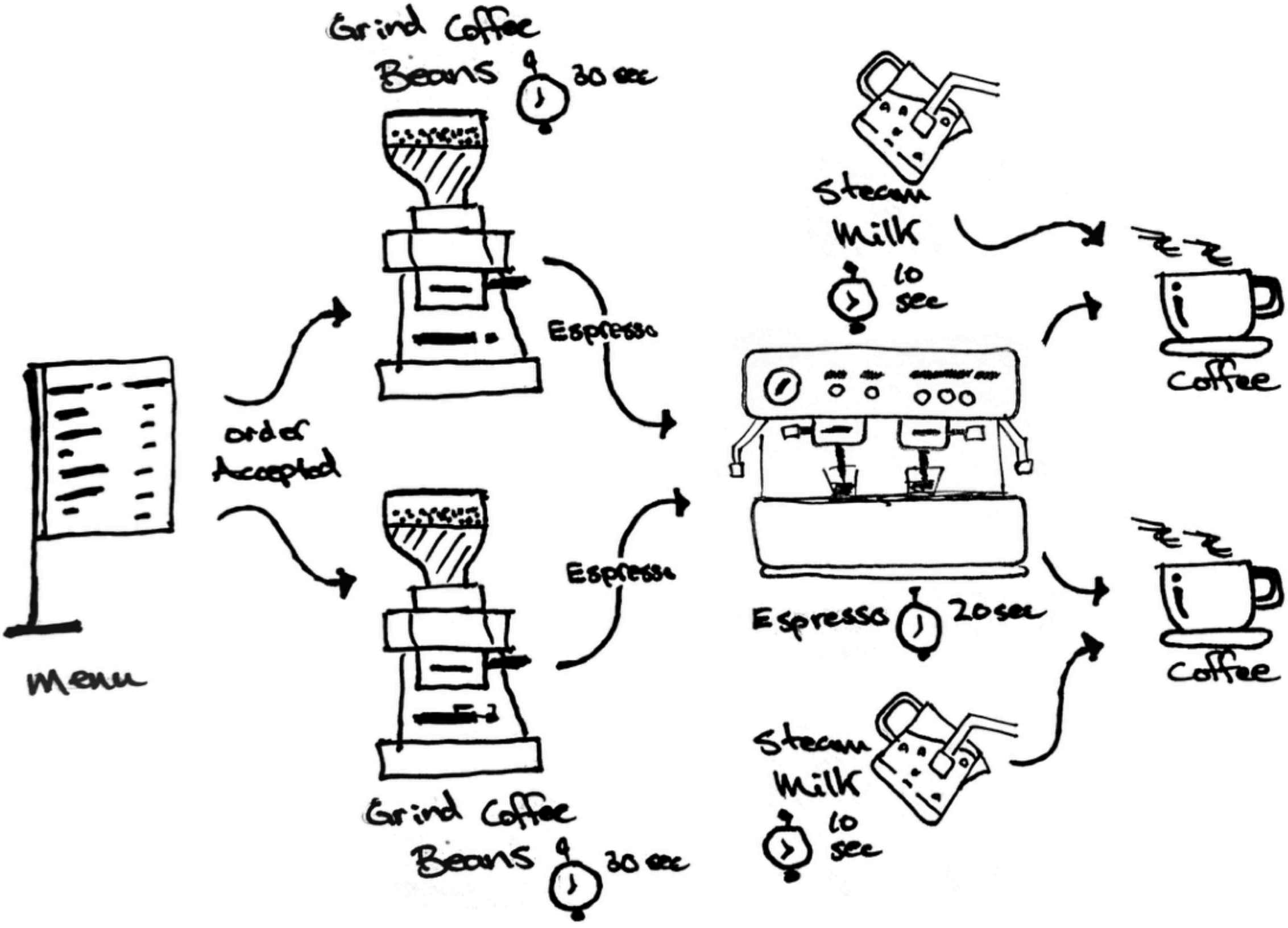
```
log("time: $time ms")
```

emit(value)

```
private fun <T> ReceiveChannel<T>.asFlow(): Flow<T> = flow {
```

```
consumeEach { value ->
```


Menu
order Accepted
Grind Coffee Beans
30 sec
Espresso
Espresso
20 sec
Milk for cappuccino
Steam Milk
10 sec
serve cappuccino
Coffee


Grind Coffee Beans
30 sec
Steam Milk
10 sec
Menu
order Accepted
Espresso
Espresso
20 sec
Coffee
Coffee
Grind Coffee Beans
30 sec
Espresso
Steam Milk
10 sec