

# Auction System

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# Context

A small image of the AK-47 Wild Lotus skin, showing the green base color with red and orange floral patterns.

### AK-47 | Wild Lotus (Factory New)

Quality | **Covert**    Category | **Normal**    Type | **Rifles**

Reference price | **€ 11704** (\$ 12554)    [View Steam market](#)

Factory New € 11475.26

Minimal Wear € 8553.81

Field-Tested € 6433.52

Well-Worn € 4408.37

Battle-Scarred € 2511.92

A large, detailed image of the AK-47 Wild Lotus skin, showing the green base color with red and orange floral patterns.

### AK-47 | Wild Lotus (Factory New)

Float	0.06646396964788437	Type	<b>Rifles</b>
Category	<b>Normal</b>	Quality	<b>Covert</b>
Paint Index	<b>724</b>	Pattern	<b>13</b>

A QR code that, when scanned, provides more details about the item.

Scan for details

# Index



**App design**

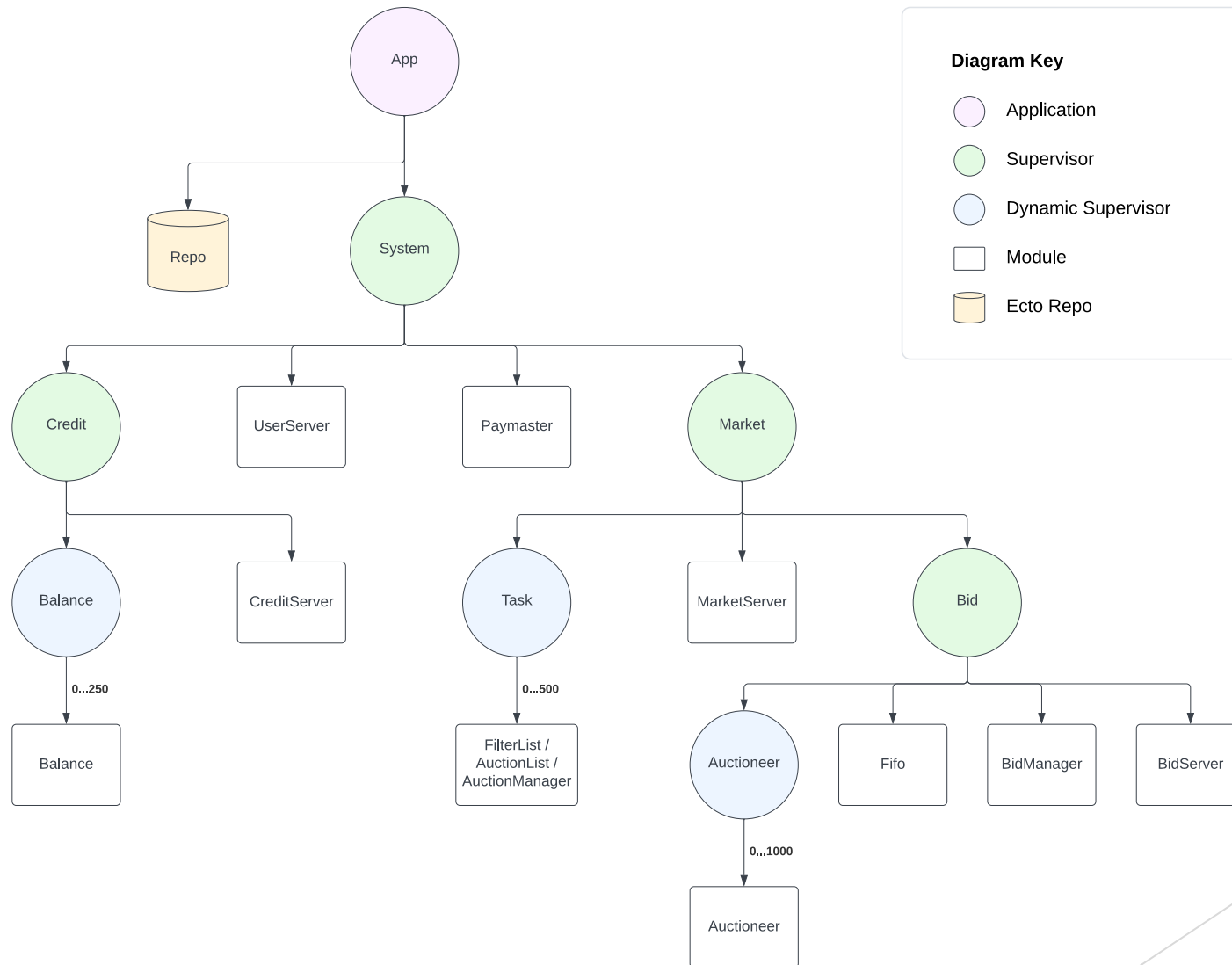


**Tests**

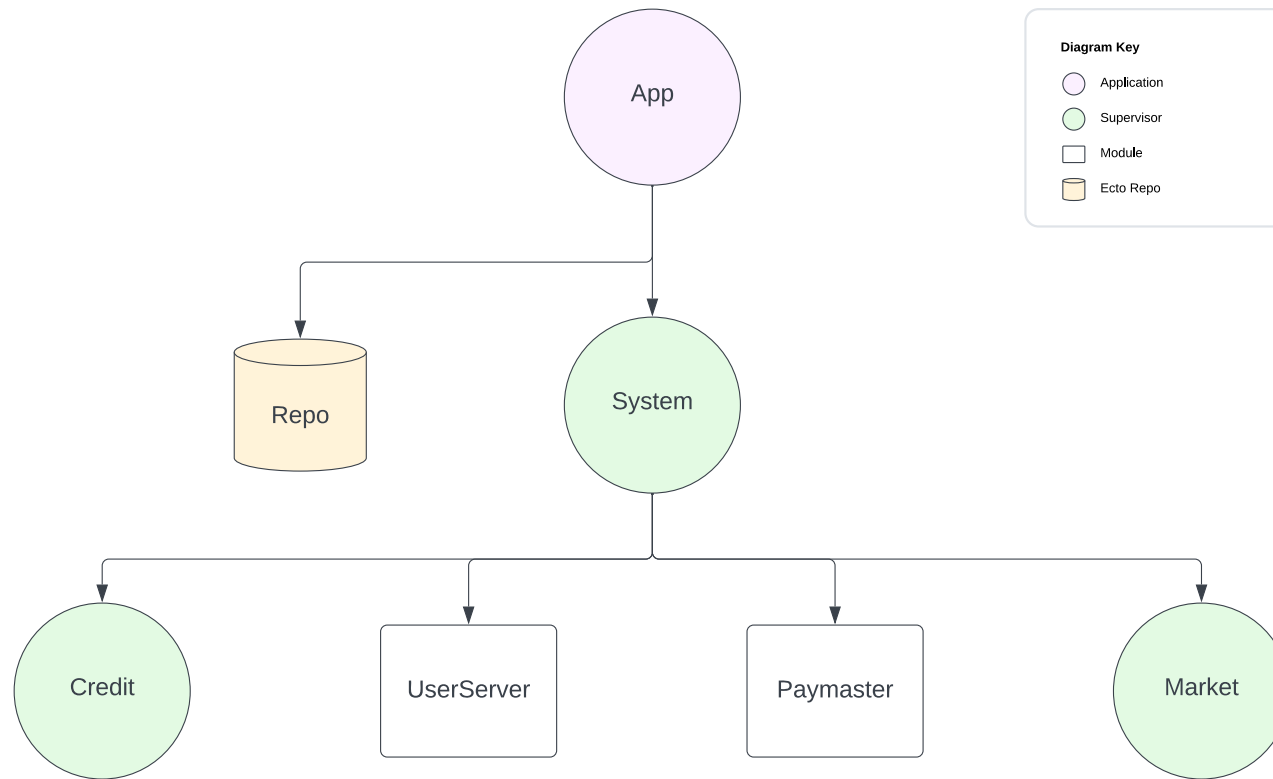


**Future implementations**

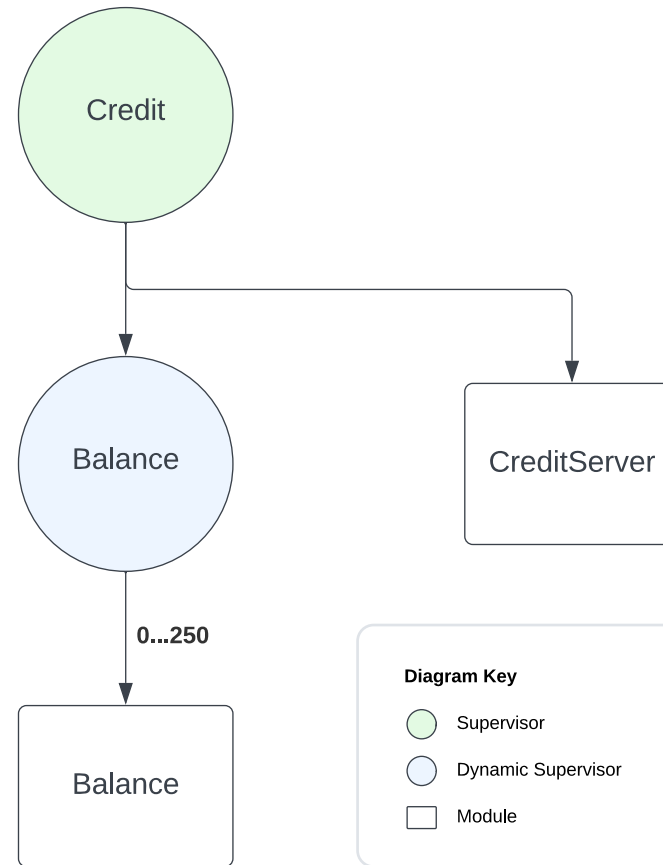
# App design



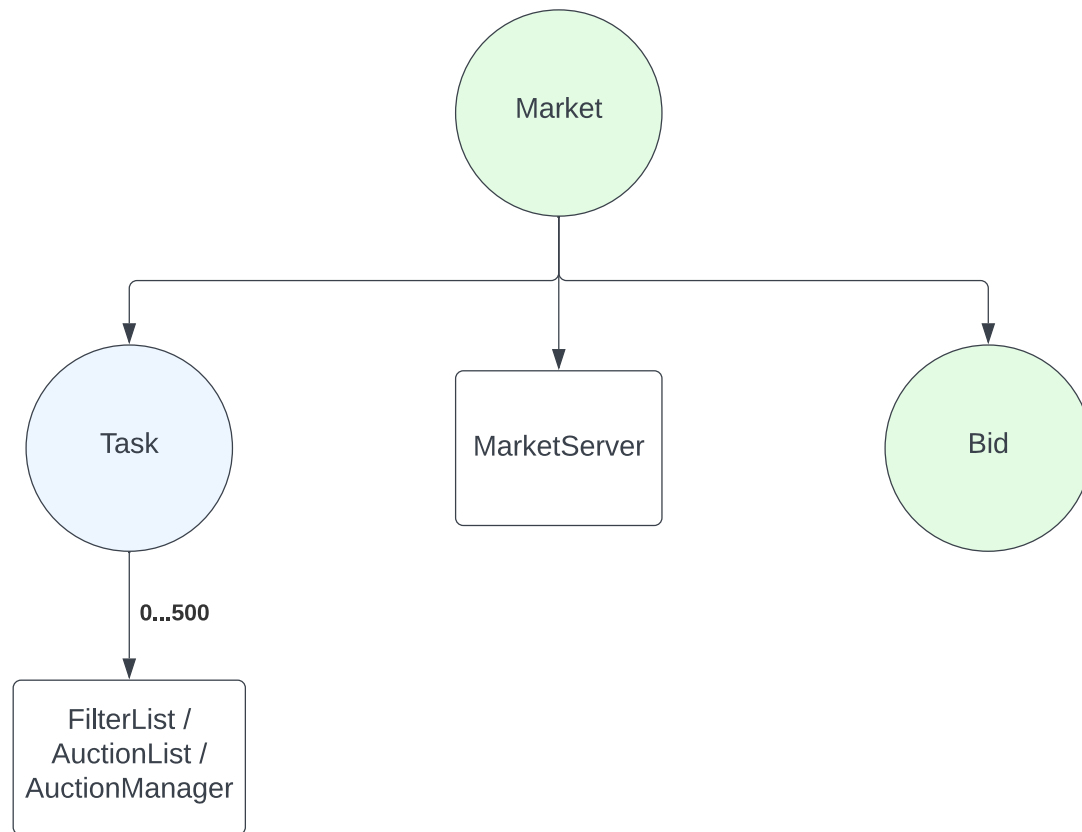
# System






# Credit



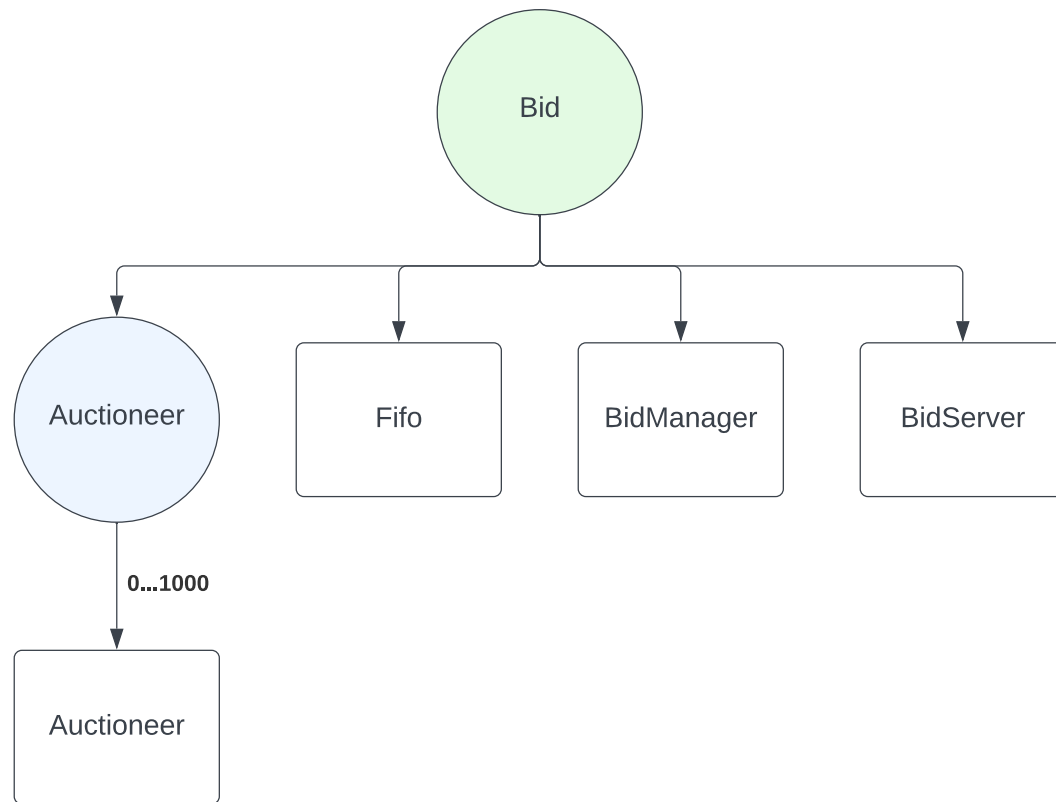
# Market






## Diagram Key

-  Supervisor
-  Dynamic Supervisor
-  Module

# Bidding

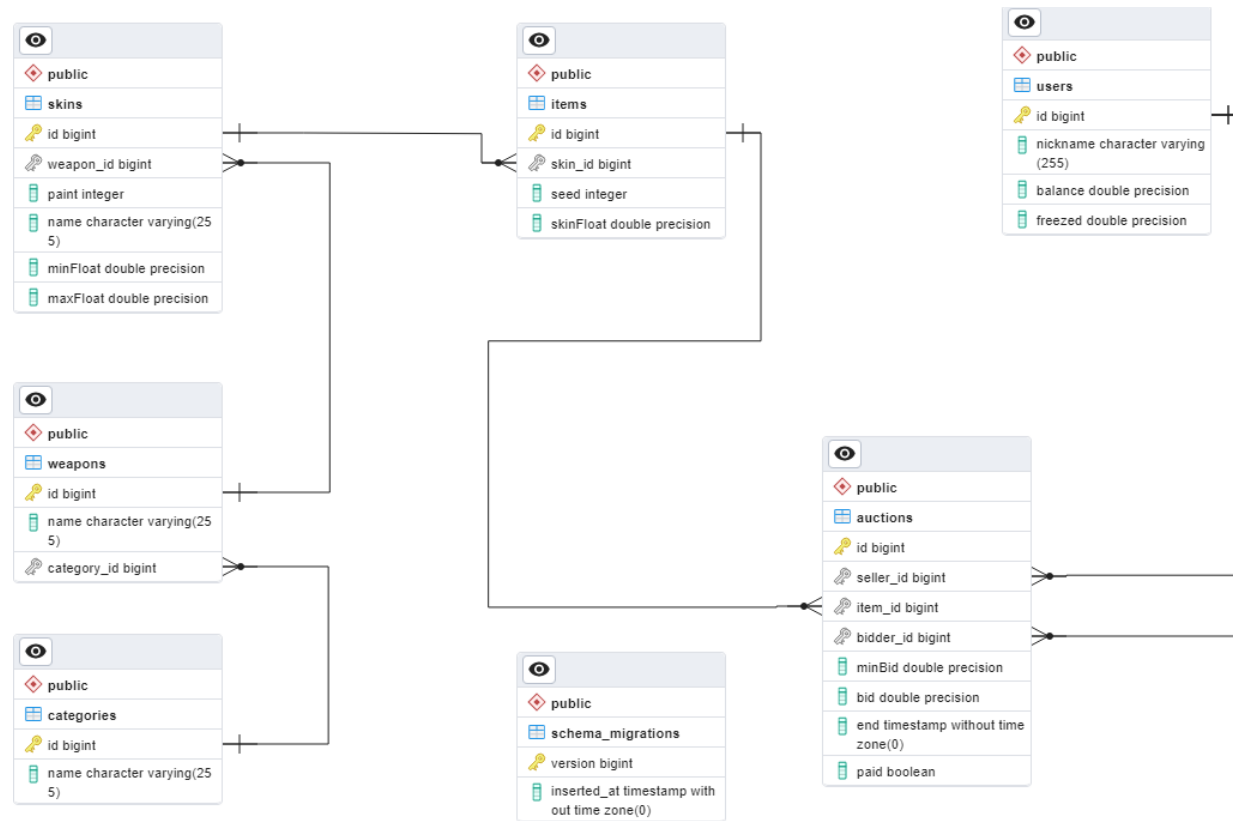


## Diagram Key

-  Supervisor
-  Dynamic Supervisor
-  Module



# Database & Ecto



# Tests

- ▶ Sandbox
- ▶ Send vs GenServer reply

```
import Config

config :auction_system, AuctionSystem.Repo,
  database: "auction",
  username: "auction_system",
  password: "auction_system",
  hostname: "localhost",
  pool: Ecto.Adapters.SQL.Sandbox,
  log: :info

config :logger, level: :warn
```

```
defp answer(from, response) when is_pid(from) do
  send(from, {:test, response})
  :ok
end

defp answer(from, response) do
  GenServer.reply(from, response)
end
```

# Future implementations

- ▶ Steam api
- ▶ Web interface

