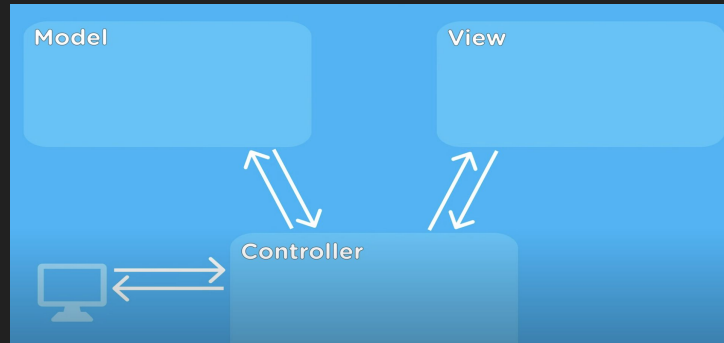


So what is MVC?



MVC stands for **Model-View-Controller**

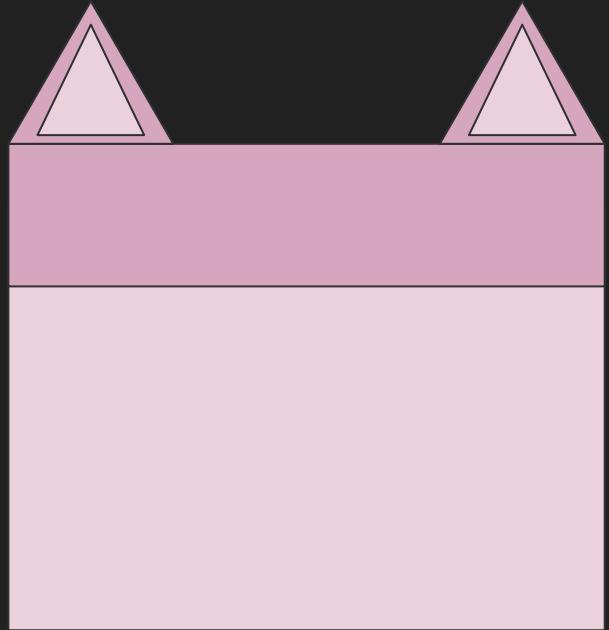


It streamlines work to make it more understandable to those working on the code.

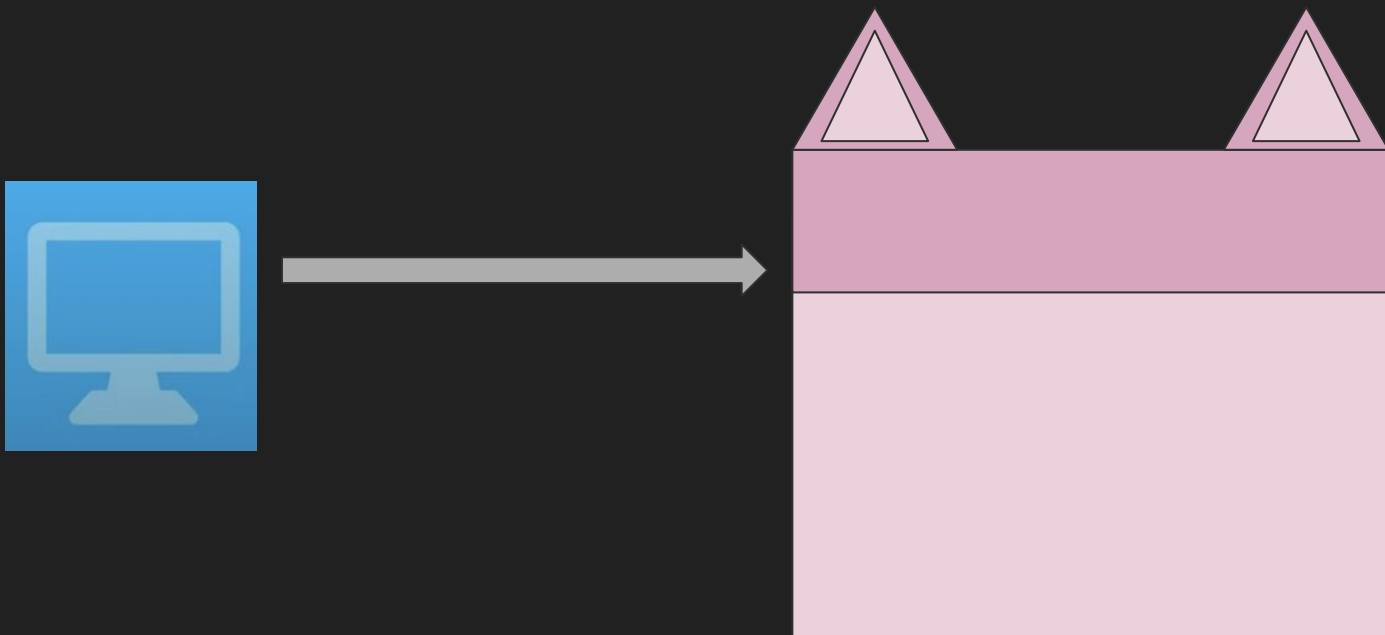
Our client would like to get a bunch of information on cats.



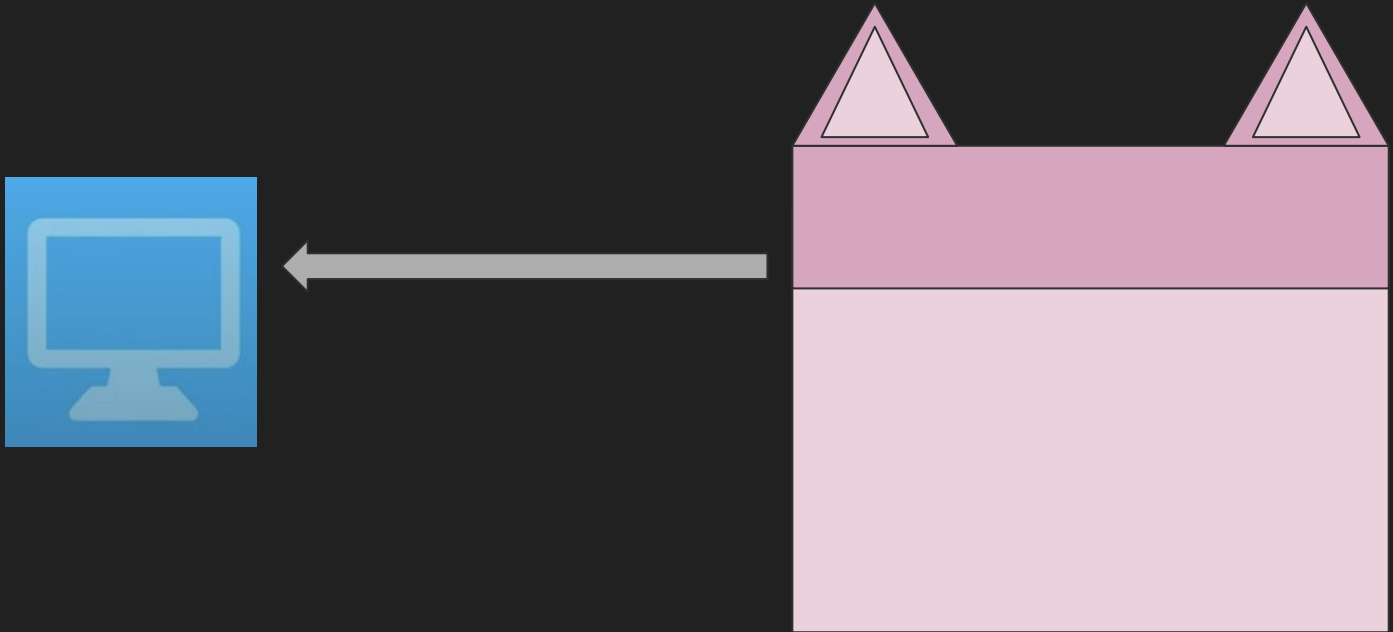
Our server has all the information on cats we could ever want.



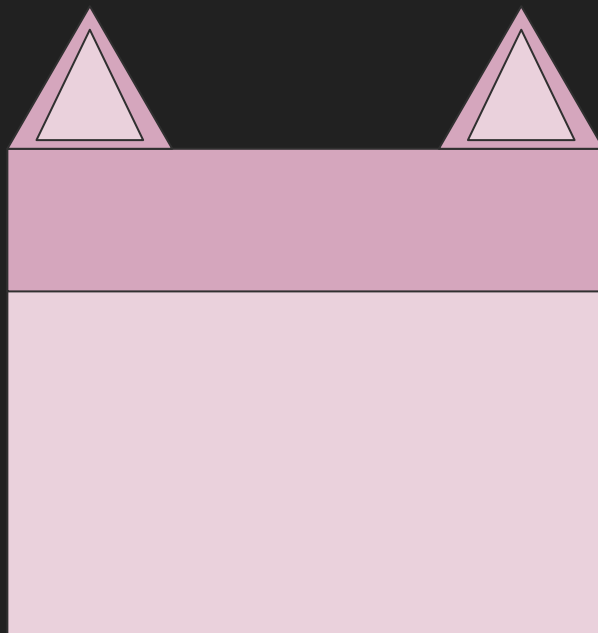
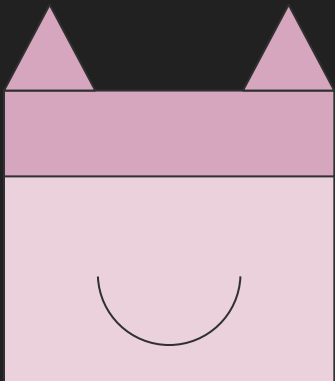
Our client sends a request to the server asking for cats.



The server receives the request, gathers the information, and sends it back.

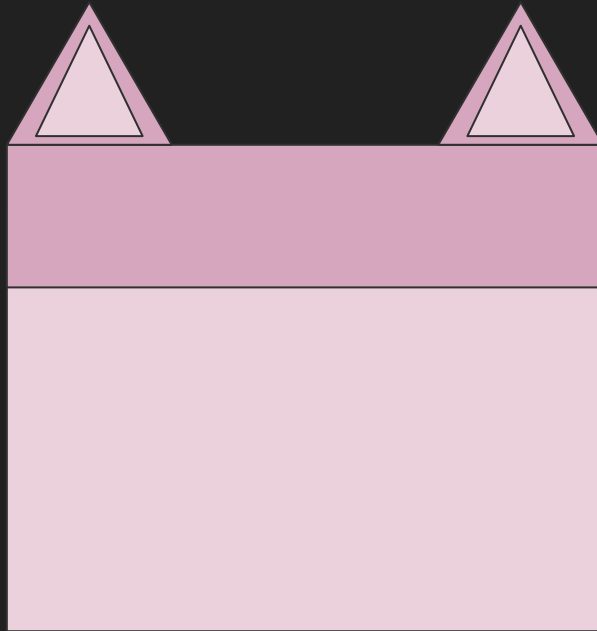


Our client is now happy!



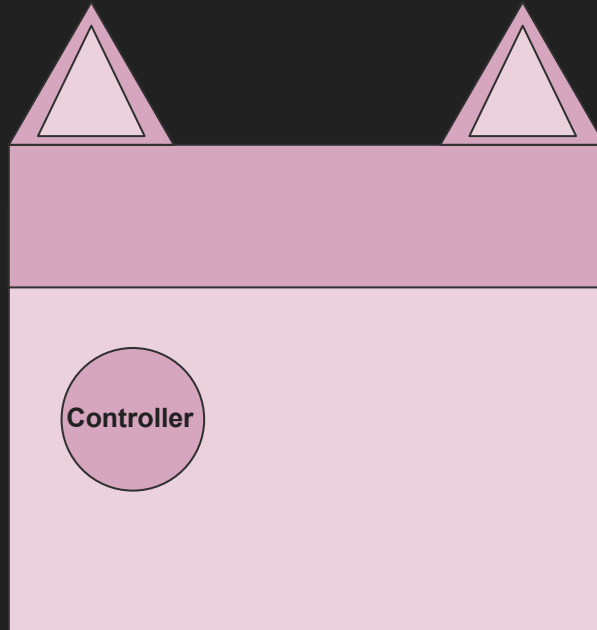
But what actually happened?

When the client sent that request to the server we see **MVC** in action.

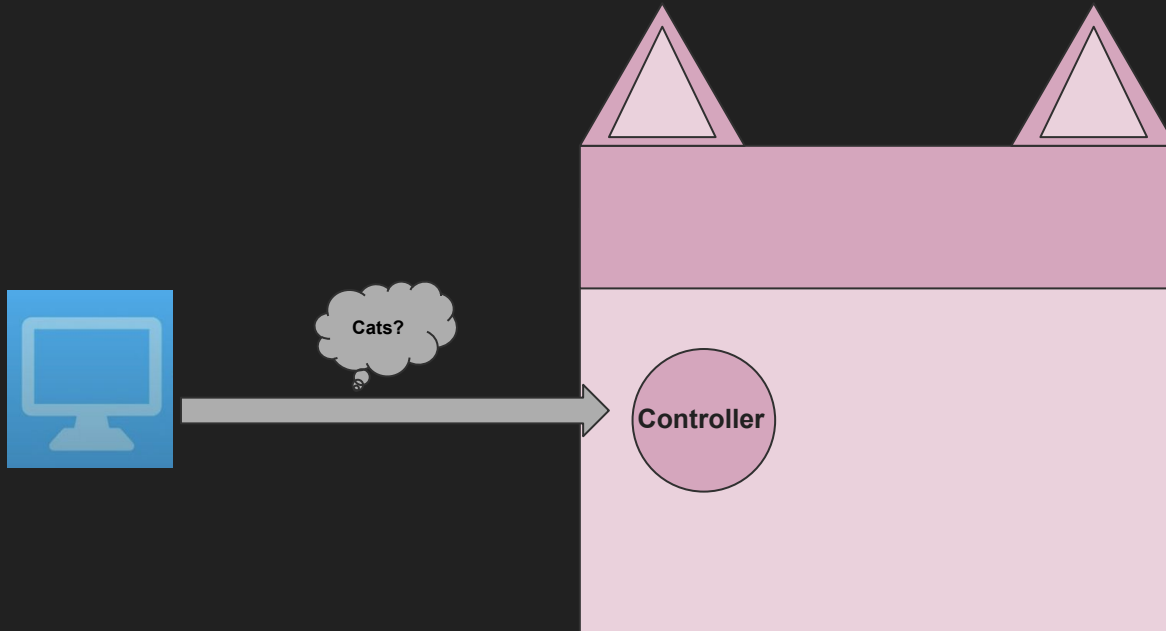


The first step is the **Controller**.

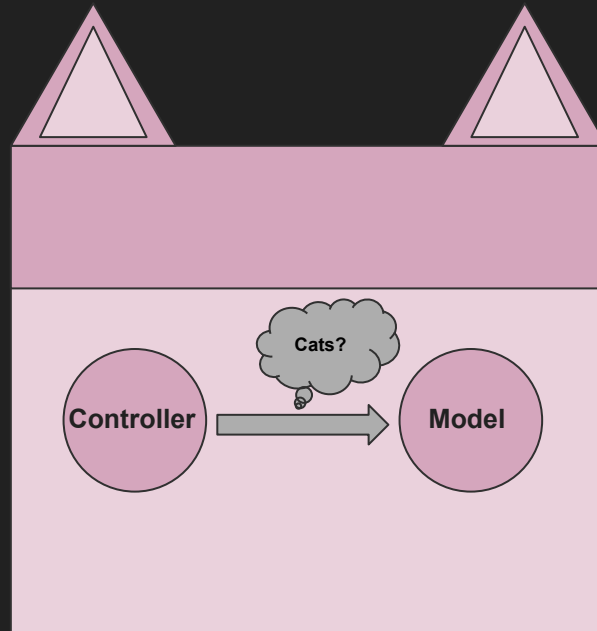
- Think of it as a concierge in the front of a store.
- Its only job is to figure out how to route requests.



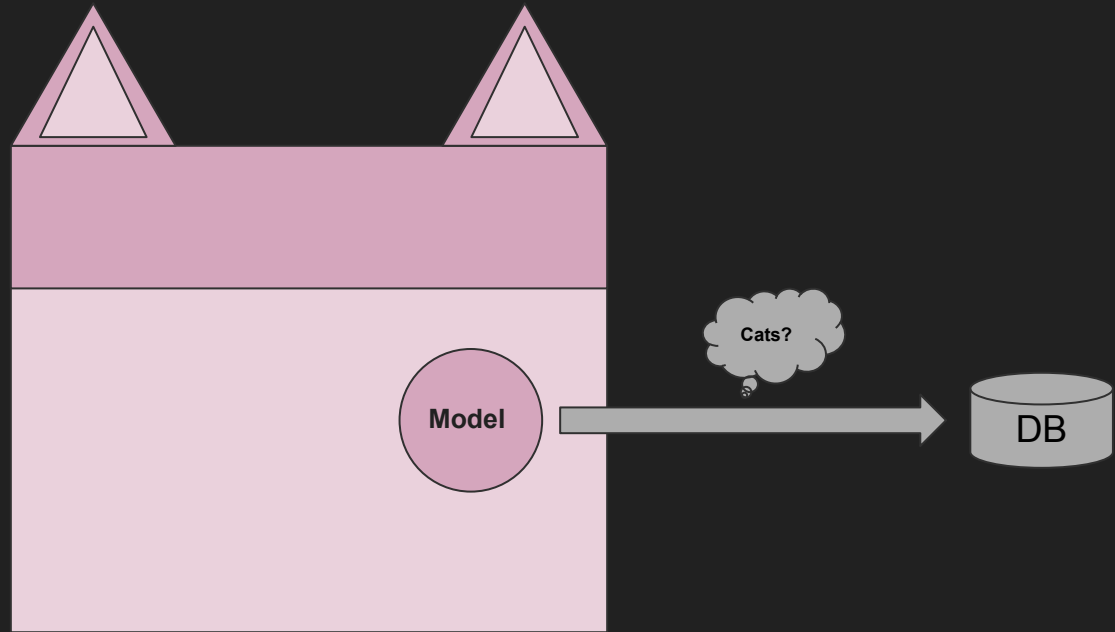
The **Controller** receives user requests and figures out where to send them.



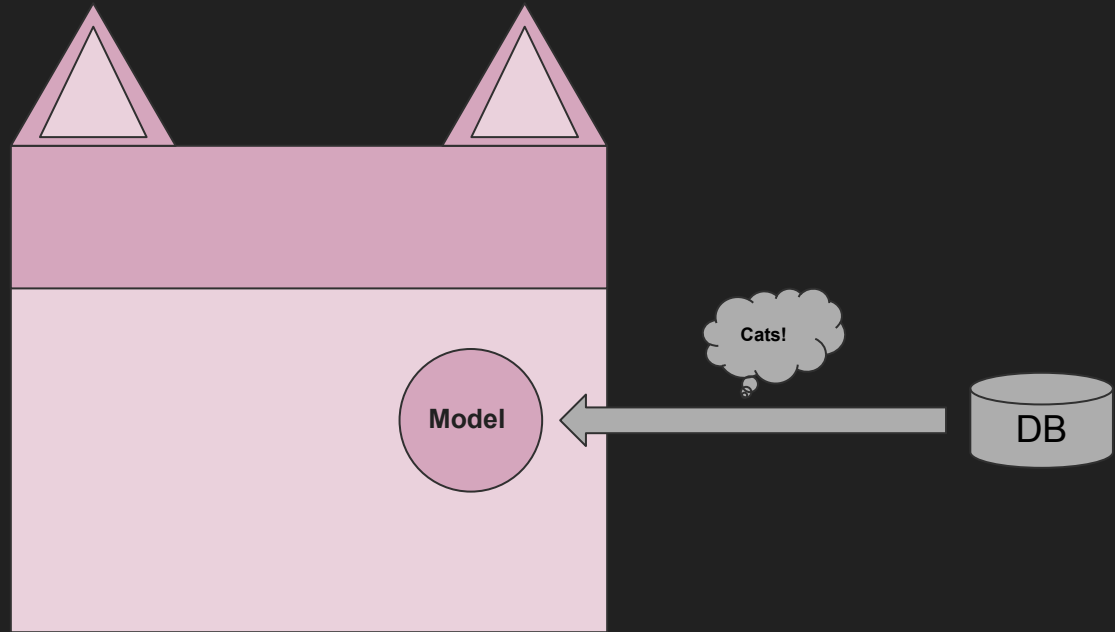
Enter the **Model**. This piece of the server gathers the requested information.



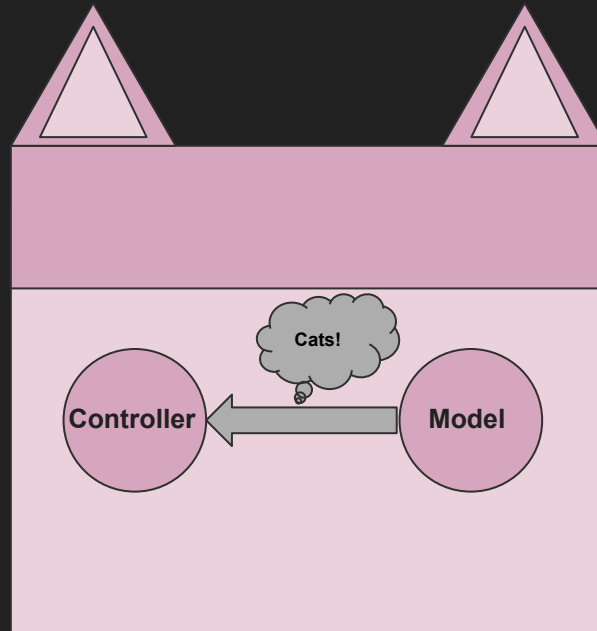
The Model interacts with the **database (DB)** which stores all information.



The database sends the requested information to the Model.

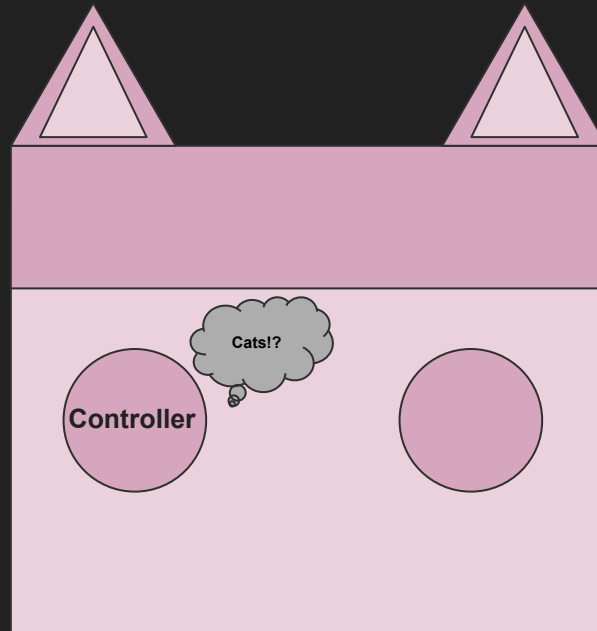


The Model tells the Controller that the system is working and the data is acquired.

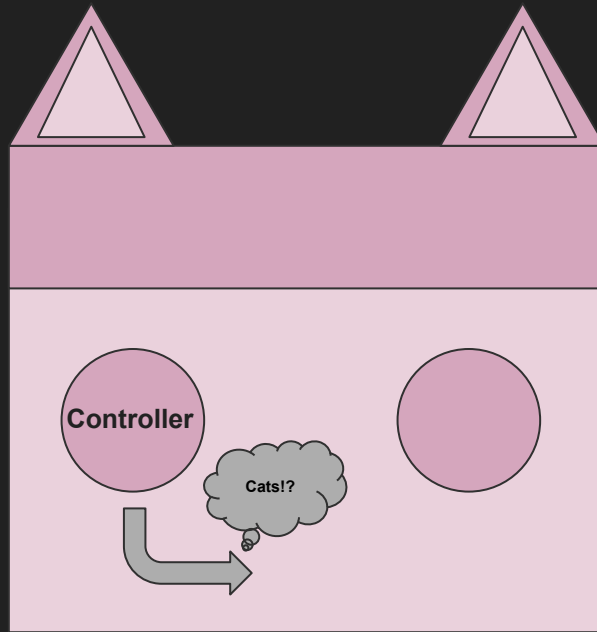


However, the data that the Model received from the Database is a jumbled mess that won't make sense to the client

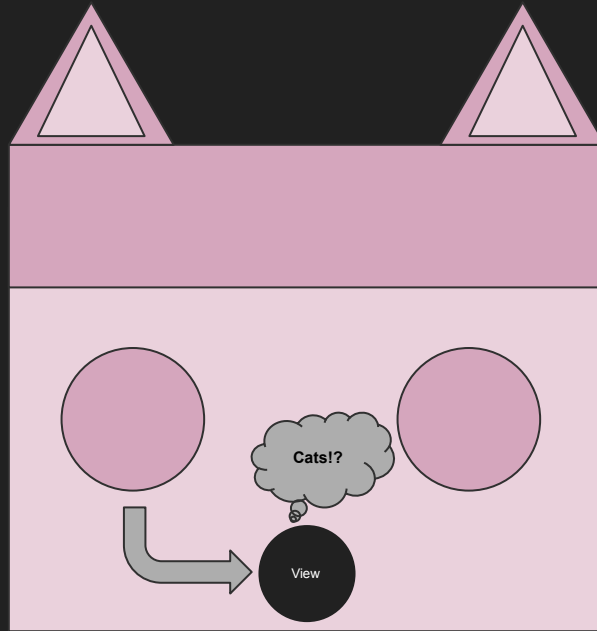
So now the Controller begins its second job: figuring out what to do with that raw cat data



The Controller knows who can help out with things like this: the **View**

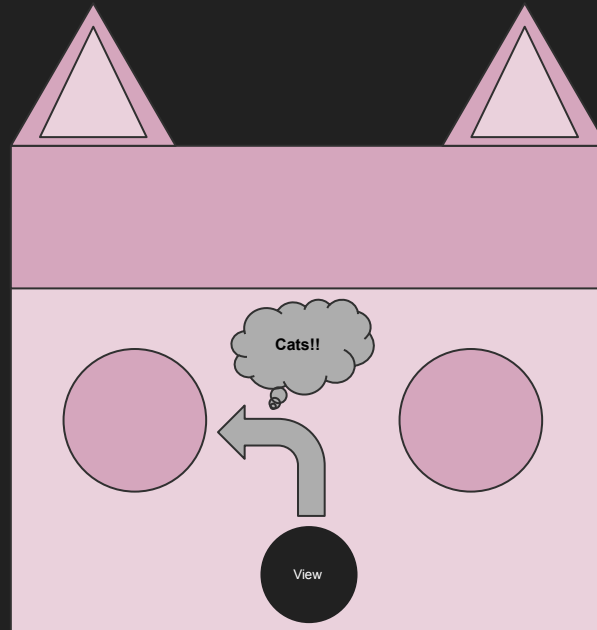


The Controller knows who can help out with things like this: the **View**

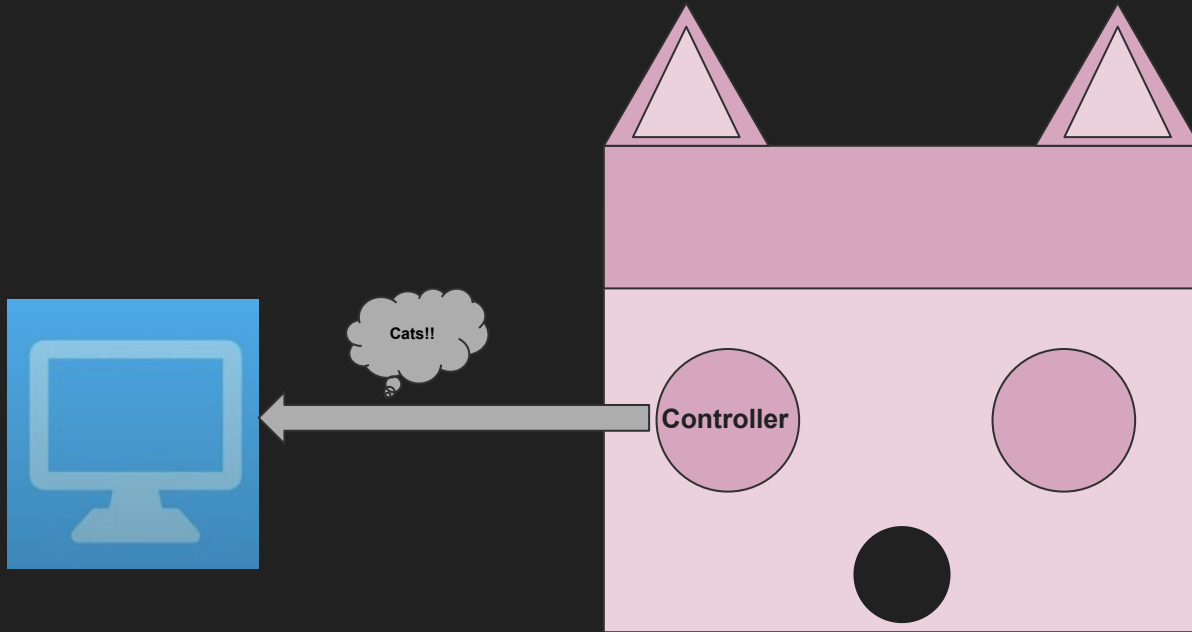


The **View**'s sole job is to interpret data, convert it into something legible, and send it on back.

- It did this by putting the data into a template engine and creating some dynamic HTML



Finally, the Controller is able to send all this glorious data back to the Client.



Finally the Controller is able to send all this glorious data back to the Client.

