Background Process

Angel requests (Num_batches) for (Model_Id) and super dealer populates the batches table after this request!

Super Dealer

MO-Client interaction

Model Owner

Checks if batch_id is available or not and if it is then sends it

prese

Populate the types_per_batch and shares table with reference to the batches table filled by the dealer.

Dealer

MO-Dealer inter

Looks for batch_id in typ
finds it then creates

[Mac_

Tripl

share,

nt!

Model Owner
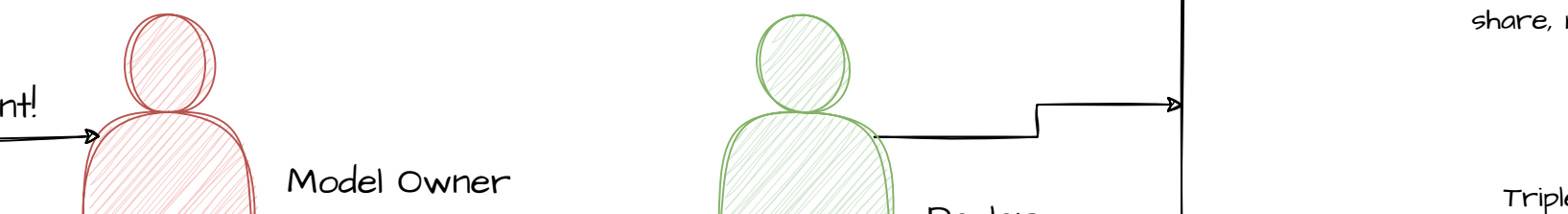
Triple

Dealer

raction (gRPC)

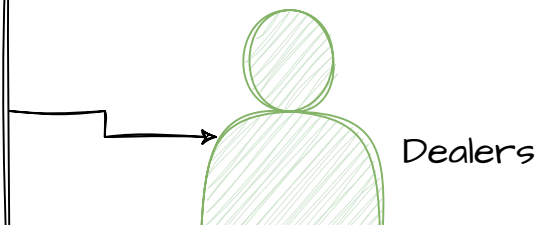bes_per_batch table and if it

a response of the format

.key_share

e_type-1

mac_share

.

.

.

.

e_type-2

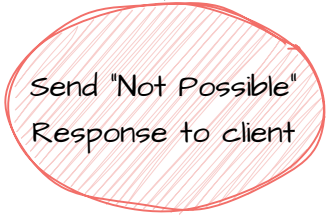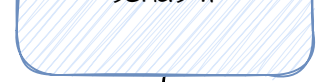Dealers

Client
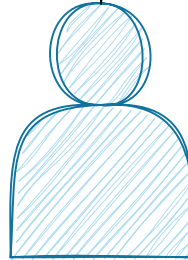
Client-Dealer interaction

Client → 2PC Shares

model_id ✉

Client

Send "Not Possible"
Response to client

Dealers

share,

Triple_

batch_id

Client

Send batch_id to dealer
and request for shares!

Model Owner

mac_share

.
.

_type-3......]

Sends shares
back to MO!

Model Owner

batch_id

Mo
seed
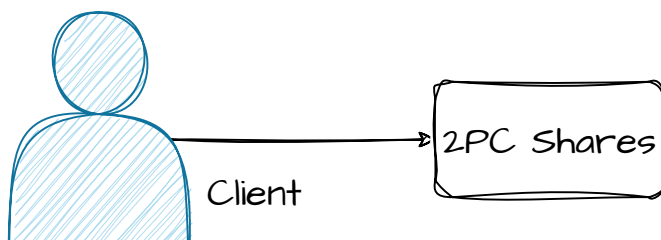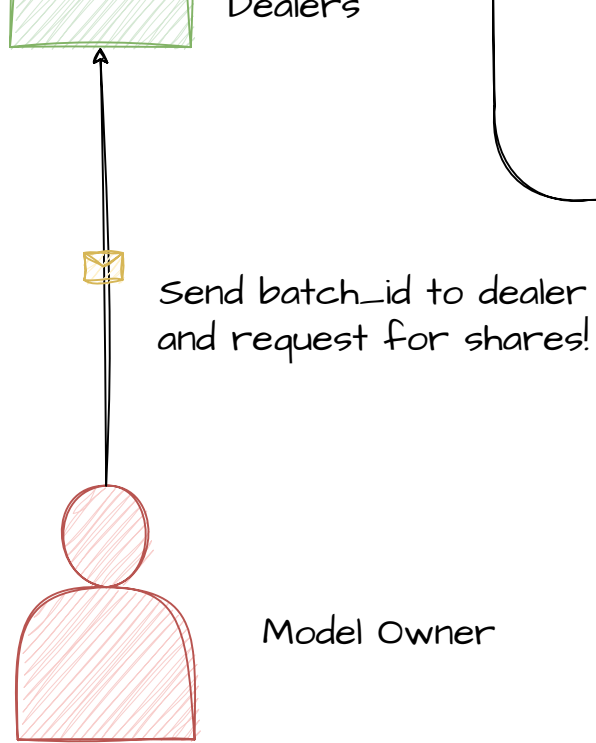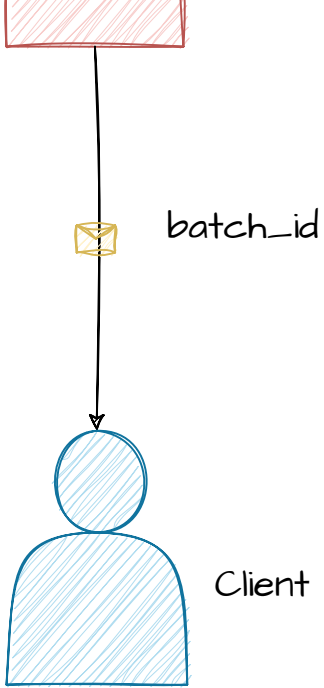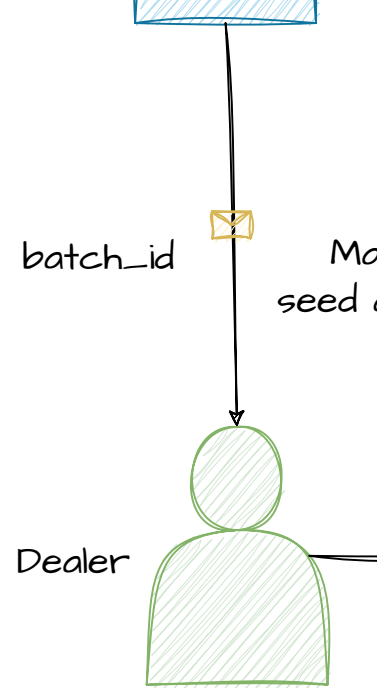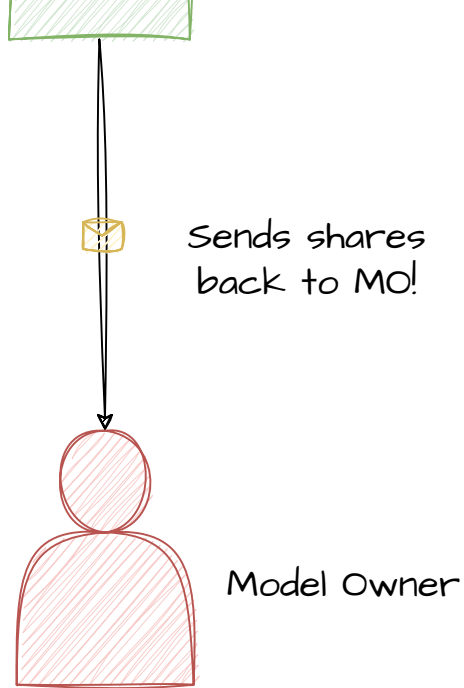
Dealer

kes request for
and mac_key_mask
from dealer

Sends seed back
after checking db

Dealer