



O.B.O. feature Build2022

Team 17:
Dominic Soh,
Yuu Funyu, Minami Ohya

Problem

Newest comments
at the top

My personal
experience



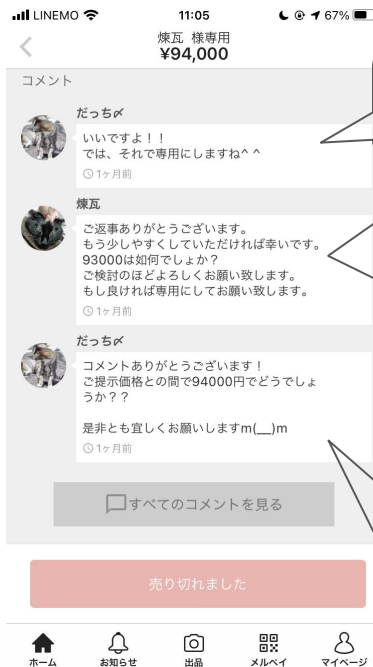
Sorry for commenting.
Would it be possible to discount this item to **¥7000**?
(Untranslatable, very polite Japanese greeting)

Would it be possible to make a purchase with a lower price? My offer is **¥6000**. Could you please kindly consider?

Problem

Typical listing experience

Newest comments
at the top



Sure!!

Then, I will make it exclusive^ ^

Thank you very much for your reply.
I would appreciate if you could make slightly cheaper.
Would you accept **93,000**?

Please kindly give it some consideration.

If you are ok with it, could you make it to "exclusive"?

Thank you very much for your comment!
What would you think about **¥94,000**, which is the
price between what you have suggested??

(Untranslatable, polite Japanese greeting)m(_ _)m

User Stories (based on anonymous interviewee comments)

"I want to know **whether the seller is flexible on price up front**, so I can feel comfortable/less anxious negotiating."

"I want to say no to a lower price **without looking rude to buyers** so that other buyers wouldn't be afraid of making a different offer."

"I want to negotiate a better price **without commenting, waiting and risking someone else buying the item before I can..**"

"I want to be able to see offers **rather than spending time on price negotiation**"



Buyer



Seller



Our Inclusive Solution

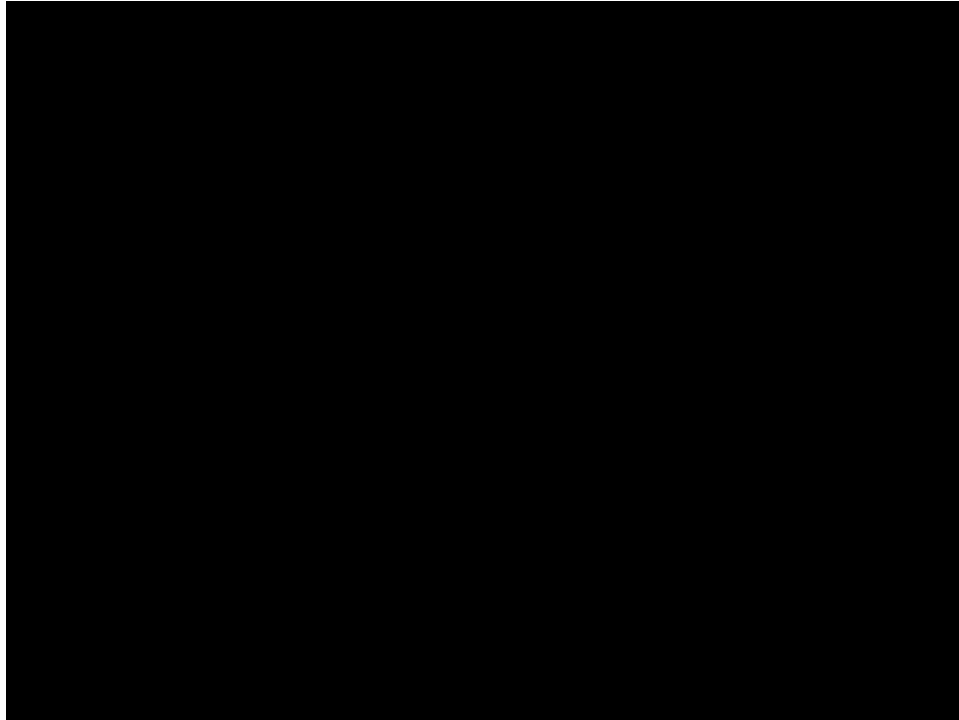
O.B.O. Feature: **One Click to Ask for Price Cut**
- No sophisticated language skill required

Reduce Stress: **No need to worry about Being Polite / Rude**
- Both for sellers and buyers

Optionality: **Can Choose to Use O.B.O. or Not**
- For those who prefer communication
- For those who do not want to negotiate



Demonstration Video



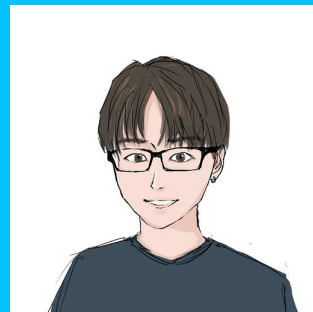
Thank You!



Dominic
Lead / Frontend

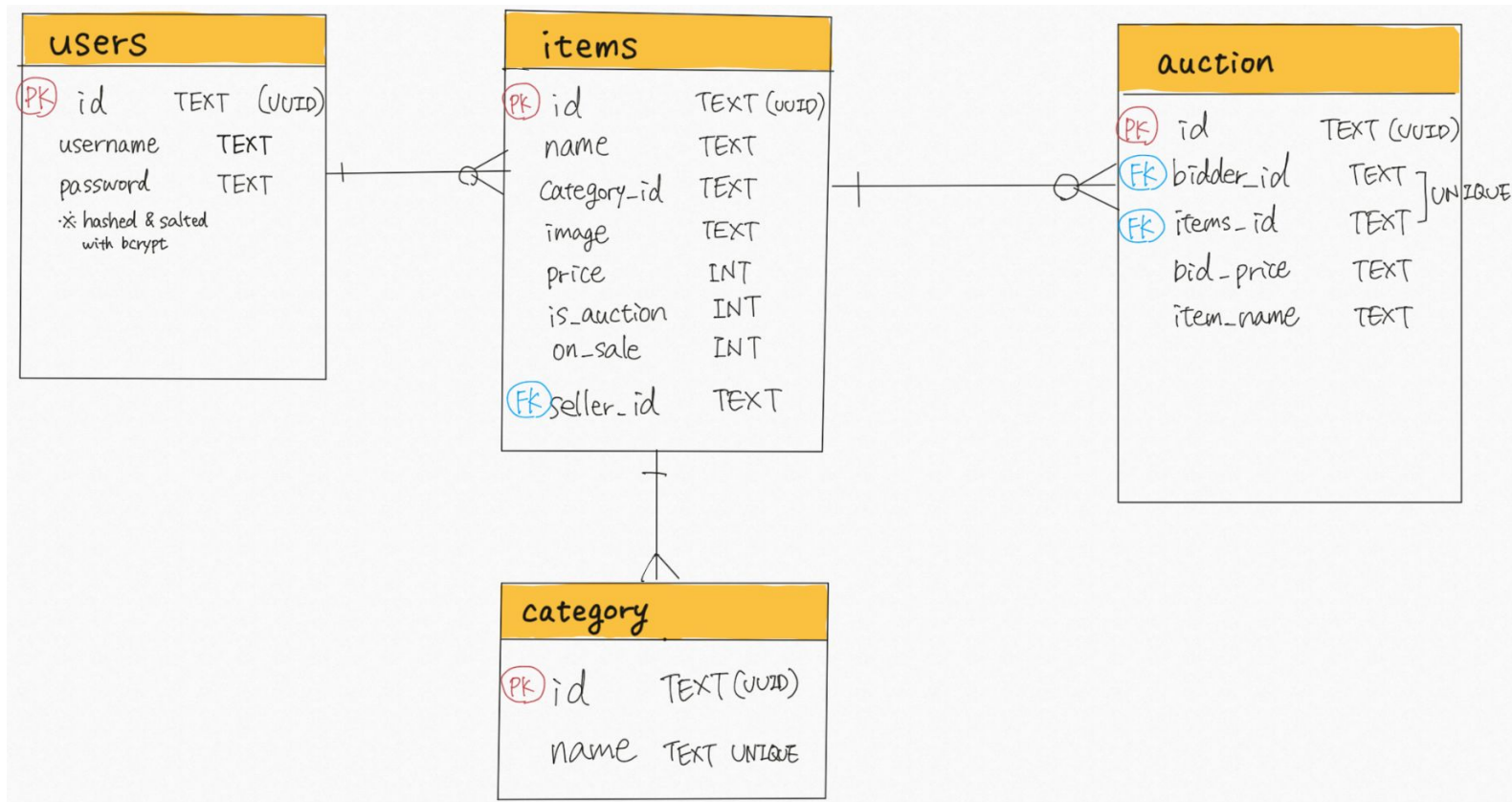


Minami
DB / Backend



Yuu
CSS / Backend

Backend design



Backend design

Endpoint docs are
automatically
generated at **/docs**

Login is supported

GET	/ Root	✓
POST	/login Login	✓
GET	/protected Protected Route	✓ 🔒
POST	/register Create Users	✓
GET	/items Show Item	✓ 🔒
POST	/items Add Item	✓ 🔒
GET	/items/{id} Item Details	✓ 🔒
GET	/search Search Item	✓ 🔒
GET	/image/{image_filename} Get Image	✓
GET	/categories Show Category	✓ 🔒
POST	/categories Add Category	✓ 🔒
PUT	/update/status/{id} Update Status	✓ 🔒
PUT	/auction/{item_id} Update Bid	✓ 🔒
POST	/auction/{item_id} Add Bid	✓ 🔒
DELETE	/auction/{item_id} Delete Bid	✓ 🔒
GET	/auction/seller Show Auction	✓ 🔒
GET	/auction/buyer Show Auction	✓ 🔒