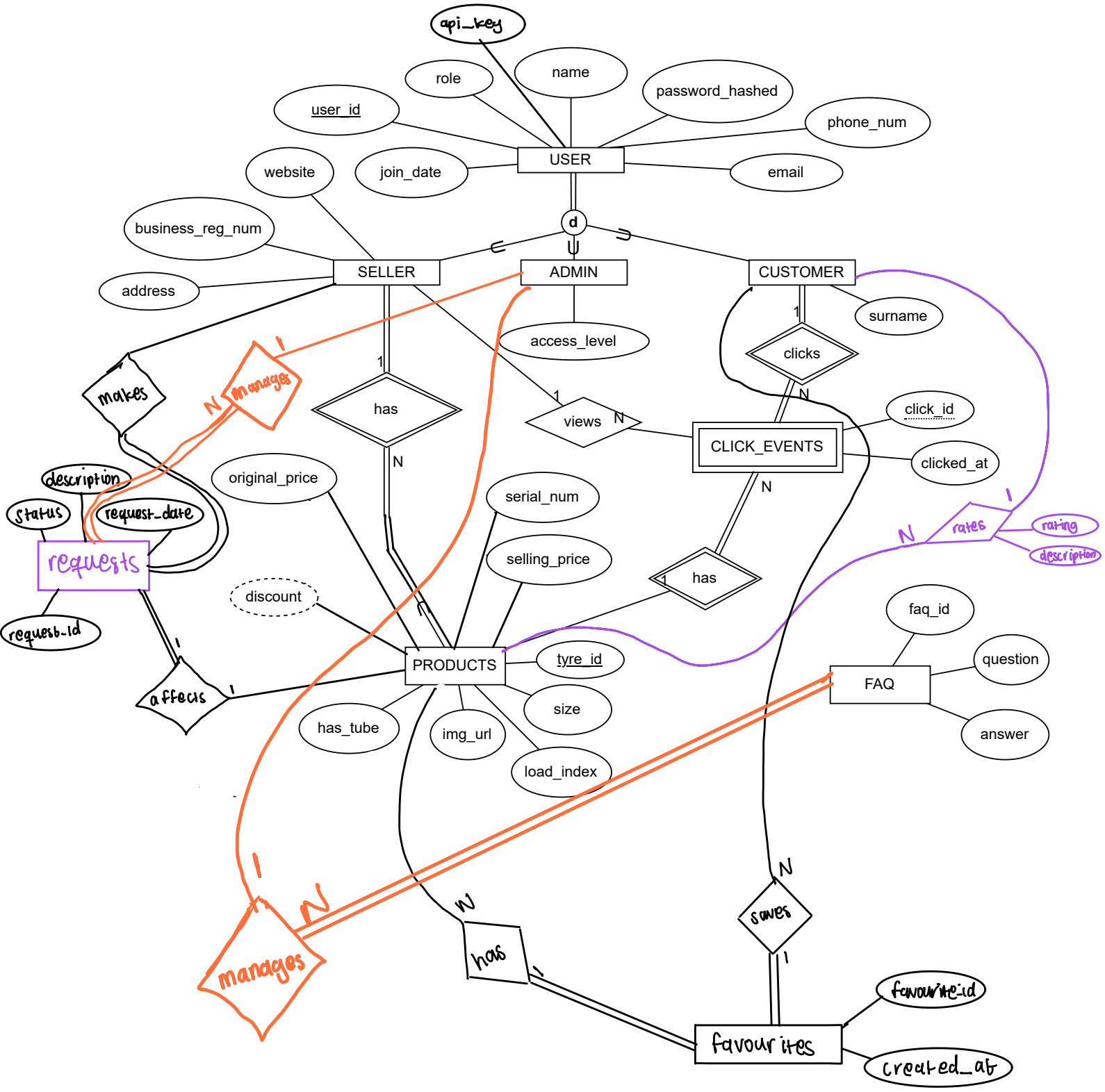
GotD_Project_EER-Diagram final rough draft?!



Why I removed tyre listing? ✓
our new assumption := products in database are 'in-stock/available
or can put a attribute for stockes of products => boolean

Why is customer seperate entity?

I made Customer a subclass of User because although it shares general properties like user_id, email, and login credentials with other user types, it has role-specific behavior and relationships that distinguish it functionally.

What makes customer different from admin, seller?

Only a Customer can:

- Rate products
- Favorite products
- Potentially compare tires based on personal preferences

↳ users is behaviourly unique!

But it has one attribute?

Yes, but an entity in an ER model doesn't need a large set of attributes to be meaningful. Customer is justified not only by data (like surname), but also by the relationships it participates in — which are exclusive to its role.

Why do you have click-events?

- to count and analyze product clicks
- show user (customer, sellers) whats popular

couldn't Click events be a relationship?

No because we want to record how many times it was clicked and when ∴ to analyze trends

↳ Graph visualization.

Why is click-event a weak entity?

it only exists because a customer clicked a product ∴ depends on customer + product.

Why is ratings a relationship?

associative entity := ratings doesnt belong to either of alone but rather to the interaction between the two.