

Its like a repeat but added notes or whatever:

From office hours

Need to come up with a high level design of a database scheme

UAC

USER ACCESS CONTROL:

We will be implementing role-based authentication this is throughout all abstractions

Roles of UAC: (our values / mechanism)

Non-Registered User:

A user that is not an admin or vendor and has not registered an account. Can only access parts catalogue, builder, upgrader, and the support page.

Registered User

A user that is not an admin or vendor that has registered. Registered Users can view their own data. Can access everything a Non-Registered user can in addition to the User's Garage and the Reviews and Ratings.

Vendor

A registered user can request Vendor privileges from an admin to allow them to gain access to Vendor specific privileges. This includes viewing and editing the catalogue data for that vendor.

Admin

Can change and edit system files. Only an Admin can assign Registered users the role of Admin or Vendor. Admin's can add or remove users.

Based on X value I can do ...

Our High-Level Design:

X = Admin

X = Registered User / basic user

X = Non-Registered User

X = Admin

Need to check the roles to do the following:

Access the following views with listed functionalities, point of reference (see site map)

For **{ unregistered users }** will have access to the following:

Main page

Register page/ login page

Product details (overlay)

Component catalogue

Most popular builds

To view

For {admin} will have access to the following:

User analysis dashboard

Vendor Linking

Admins will have control over the vendor linking functionality

For **{Basic, admin, developer, vendor}**:

Most popular builds

To post:

To edit

To delete

To view:

Profile page

Profile setting (setting such as editing Account information)

Shelf and/or stored builds on -> User garage

Account page view

Writing a Review

Rating a Build

Saving a build/ upgrade

Leader Board page

Through the “authentication module” that can be called at any abstraction layer because it is a cross cutting concerns.