Feature: Scrap Your Car

Feature Developer: Jesus Franc
Date Developer Submitted: 04/26/2024

Reviewer: Vi Nguyen
Date Peer Review Submitted: 05/01/2024

Major Positive:
- Very detailed documents, also provide the overview of DTOs that will be referenced as well as a sitemap of the feature.

Major Negative:
- For (Target)SetListing, (Target)GetUserLisinting, (Target)GetPartListings, (Target)AmendListing and your Target for SYC-5 in its sequence diagram, you didn't mention what SQL statement will be executed
- Your "IPartService" interface violates the Interface Segregation Principle in SOLID, hence, now "RetrieveUserListing" will have to implement the Create and Delete which are completely different services

Unmet Requirements:
- For SYC-5, missing "Information sent to seller include the vehicle profile post, price and the buyer profile " for pass requirements, there was no mention of what information will be passed in the design

Design Recommendations:
- Since you have already done everything so detailed, I suggest to adjust some minors ambiguity like in the sequence diagram for Target GetUserParts, it would be more helpful if you can list out what the type/category of data will be returned rather than just "Raw Rows Data"
- It seems that for SYC-5 you should discuss with teammates about the Notification service and its table since you should be able to use the service made by your teammate.
- Change your IPartService to satisfy SOLID principle, Create function and delete function should not be in the same interface, since there are different type of deletes just as there are different types of create, hence, they should have their own separated interfaces.

Test Recommendations:
- Recommend stress test your services to see if they retrieve information correctly from the datastore or update the datastore with the provided input from users.
- Recommend front-end testing to see if they display all the retrieved information correctly.
- Test for nonfunctional requirements such as an operation to retrieve information from database should not take more than 3 seconds.