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**Requirements at a delivery company:**-take orders from sender  
-deliver to receiver  
-track packages  
-convey information to sender/receiver  
-communicate with company vehicles

**Risks:**  
-personal data handling

**Business to Tech co-operation:**  
DDD to bridge gaps between businesspeople and tech folk. Programmers will be involved with businesspeople and vice versa. They will get to know each other and the work they do, challenges they have and the requirements they have.

**N-Tier challenges:**  
N-tier would have bottlenecks during high volumes like X-mas. It is not as easy to scale for a short period of time.   
It would also be more difficult to expand to new countries. This is important, because deliveries are often international, every new country added offers more business than the previous.   
Another great feature about microservices is that personal information can be better protected.

**Most critical quality attributes are**   
-Scalability so that we don’t lose customer trust during peak volume.   
-Security so that we don’t compromise customers personal information. This would also get us in legal trouble.  
-Cost, tracking so many vehicles and updating package information would bankrupt the company if it was in a cloud. So, we host the software at our own (possibly rented) servers.   
-Integration capabilities. We will have to use several external services like planes, payment providers.  
-I would also like to focus on user experience. Poor ways to interact with our system will leave a bad impression.

**Decomposition:**  
I would imagine even-driven decomposition would be great. However, I don’t know how to do that and I am not afforded luxury to hire a coach, we’ll go with domain driven design. This works well too, since delivery company has several fields requiring expertise. This expertise helps with conveying information between business needs and technical needs.   
Decomposition by subdomain:  
-transporting  
-warehousing  
-order handling   
-billing

