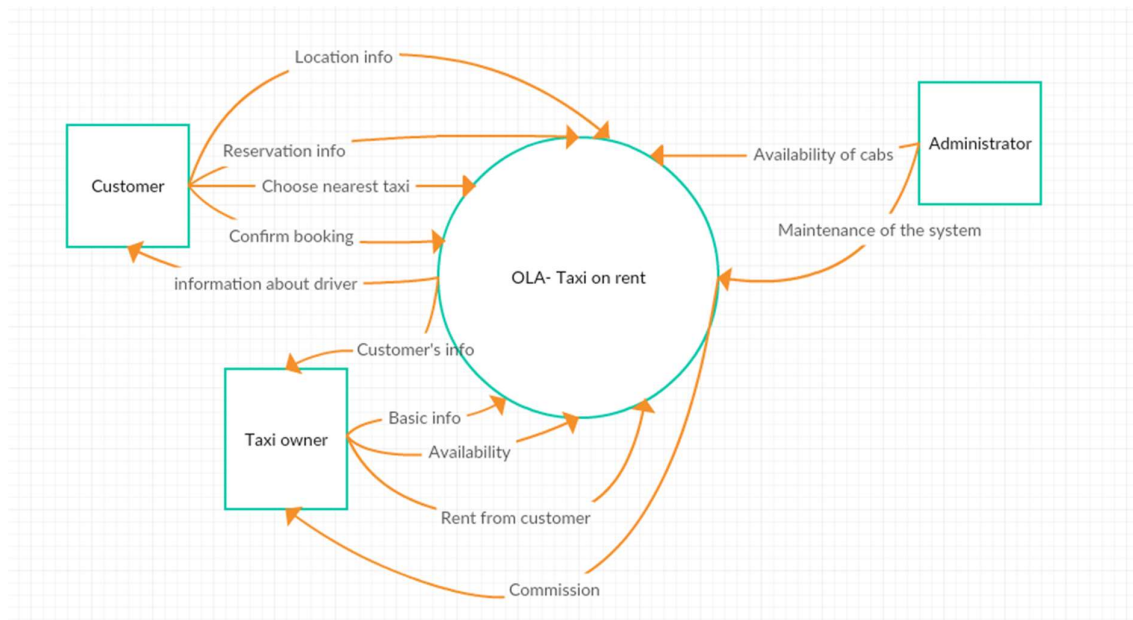
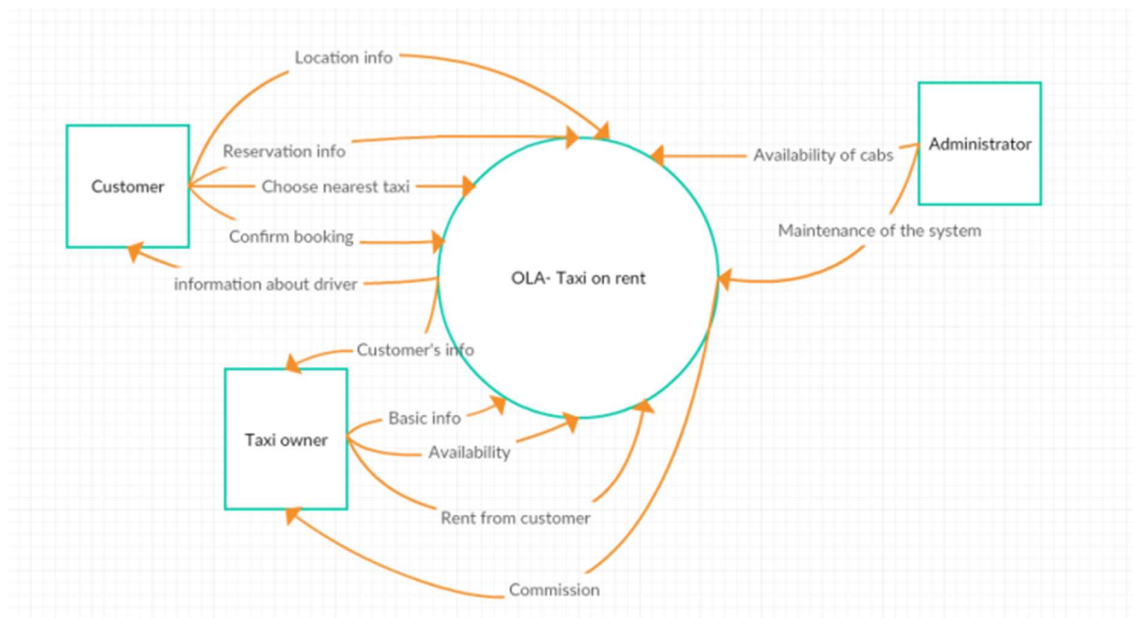


Level 0 DFD



1. They are the basic higher level DFDs. They do not include the flow of information in the system in detail. As we saw the analogy, when we are helicopter and we see our company as a whole, we can only see the external entities along with company as a whole and not the internal structure or processes in detail, nor any data store.
2. Hence, the Level 0 DFD has only one process and external entities which represents the abstract flow of information between the external entities and system as a whole. For example lets us consider OLA taxi booking system for our understanding



3. The above figure shows the context diagram for online taxi booking system just like OLA. This diagrams can be made using <http://creately.com/> . They provide very effective GUI based SaaS to make such UML diagrams online.

Below are the advantages of using context diagram for a project:

1. Shows the scope and boundaries of a system at a glance including the other systems that interface with it
2. No technical knowledge is assumed or required to understand the diagram
3. Easy to draw and amend due to its limited notation
4. Easy to expand by adding different levels of DFDs
5. Can benefit a wide audience including stakeholders, business analyst, data analysts, developers

Rules of thumb for DFD:

1. All the external entities are to be depicted in Level 0 DFD i.e. Context diagrams.
2. No new external entities can be introduced in the later stages.
3. Level 0 DFD does not show any data store.
4. The data flow in Level 0 DFD is to be maintained in Level 1 and Level 2 DFDs.
5. The whole system is to be depicted as single process in context diagrams.
6. No interaction between two external entities is allowed without process in between them.