



## Handling the constraints in ERD:

1. This was covered in ERD diagram by adding the cardinal (0,2) from official employees to department during the "Manages" relation.
2. This was covered by signing the "StartTime" as a PK so there would not be more than one parking for the same "Car" at same start time.
3. This was covered by adding the "T" to the generalization to show that every single employee can be either "Official employee" or "Constructor employee" nothing else, and by adding the "X" we are preventing the option of being both, so it is exclusively either "Official employee" or "Constructor employee".
4. This could be handled by "Check" function in SQL but unfortunately this cannot be handled in ERD.
5. This was covered by signing the "StartTime" as a PK, so if we can take just the "TCID" PK with the "StartTime" PK without the "GCID" PK this would be handled, else this would be handled in DDL I asked about that in Forum without any answers.

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