

SPACE AGENCY MANAGEMENT



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Context

As we go about our daily routine we often wonder if there is a good solution to model space agencies but alas we only get disappointment from such meaningless thoughts. But fear no more, for we have developed such a system.





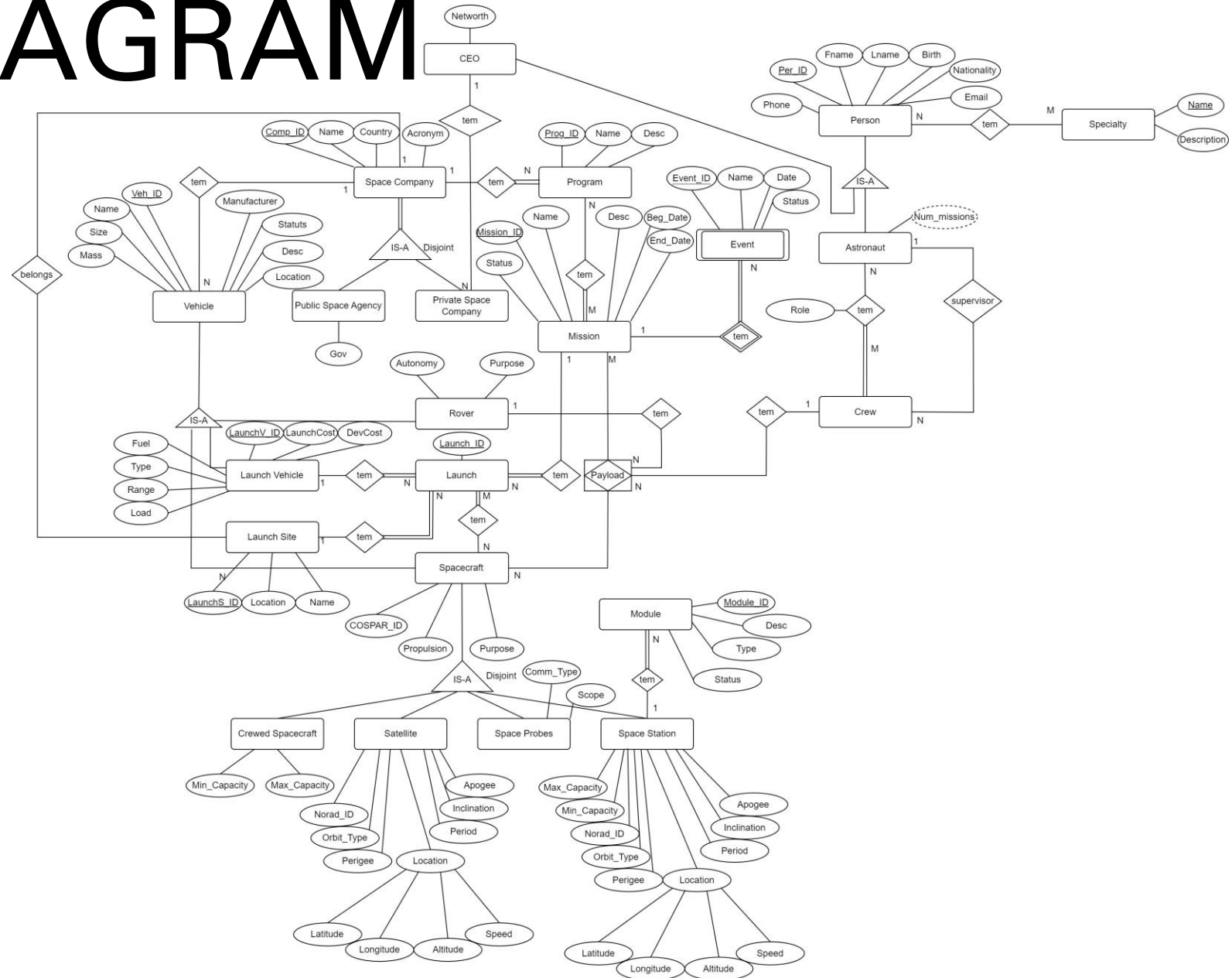
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- Technologies
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- Overview of some triggers , udfs and sp used
- Video Demonstration

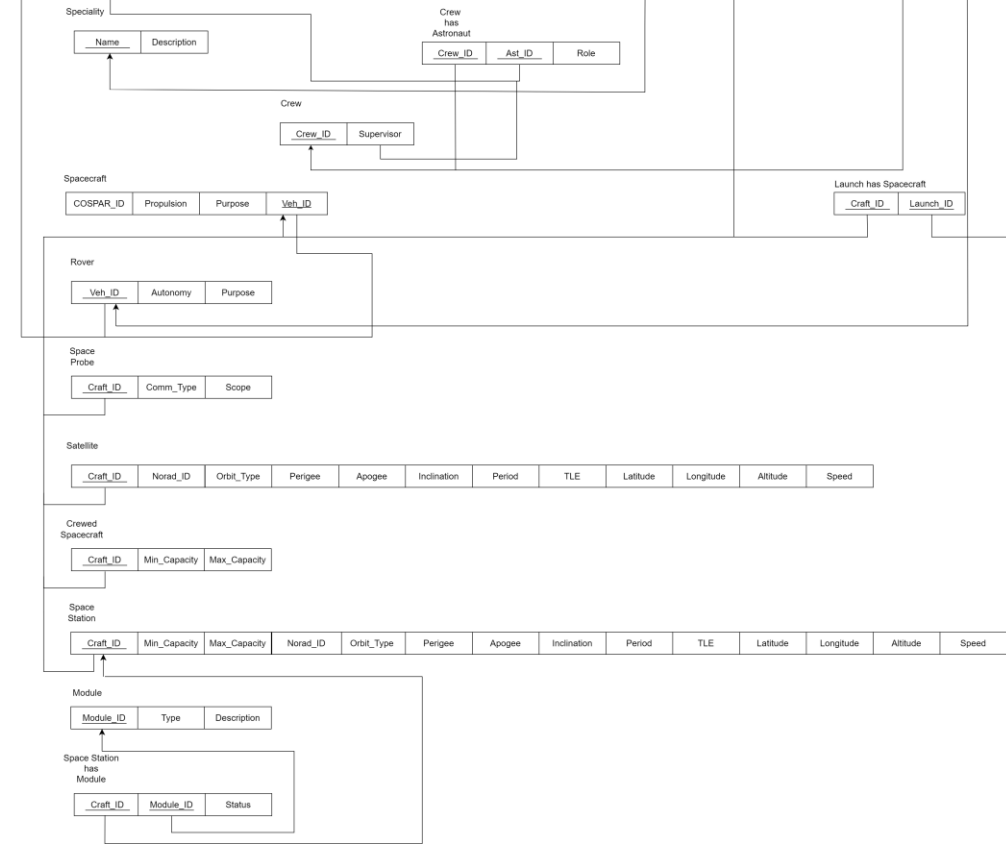
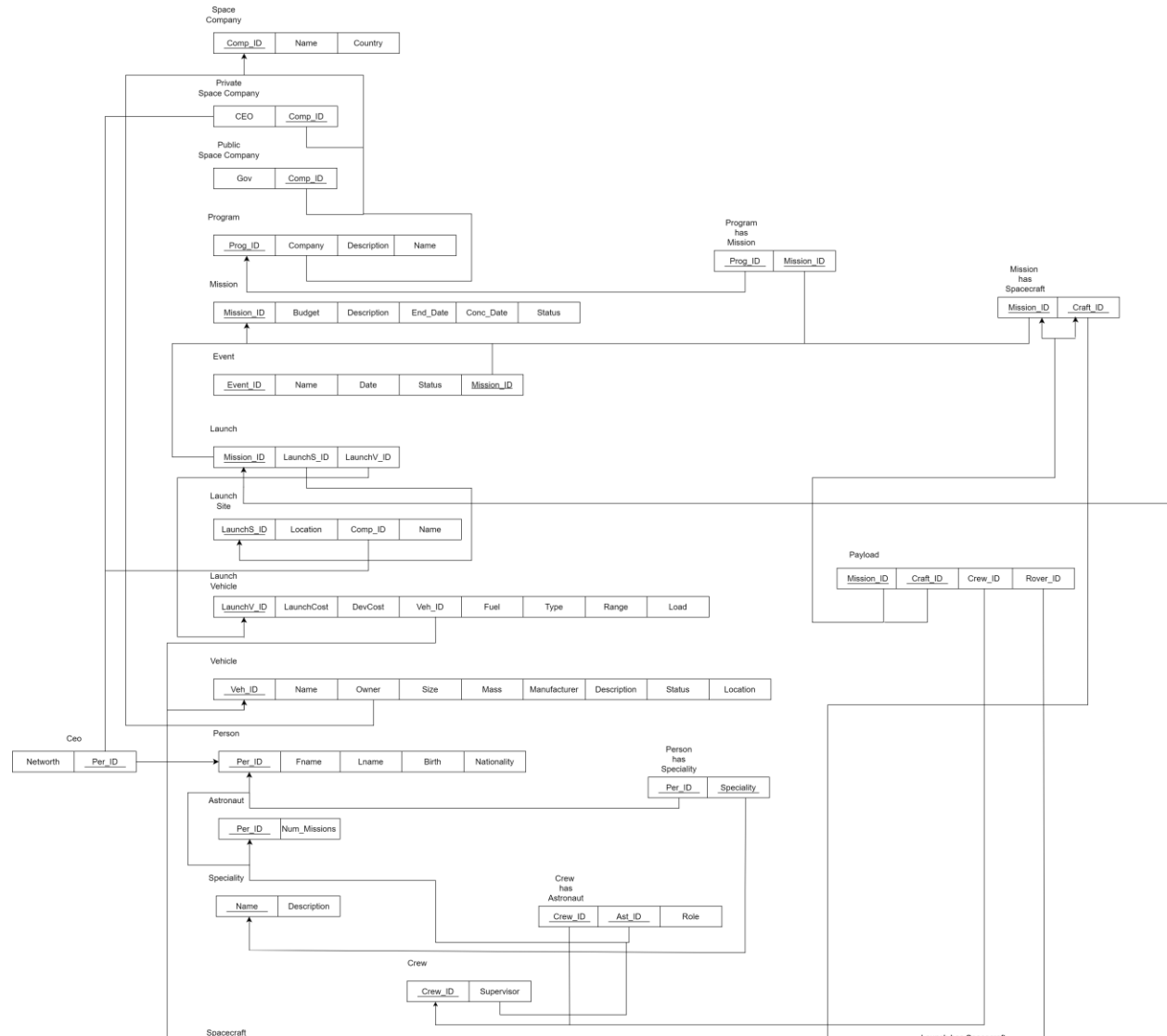
Technologies



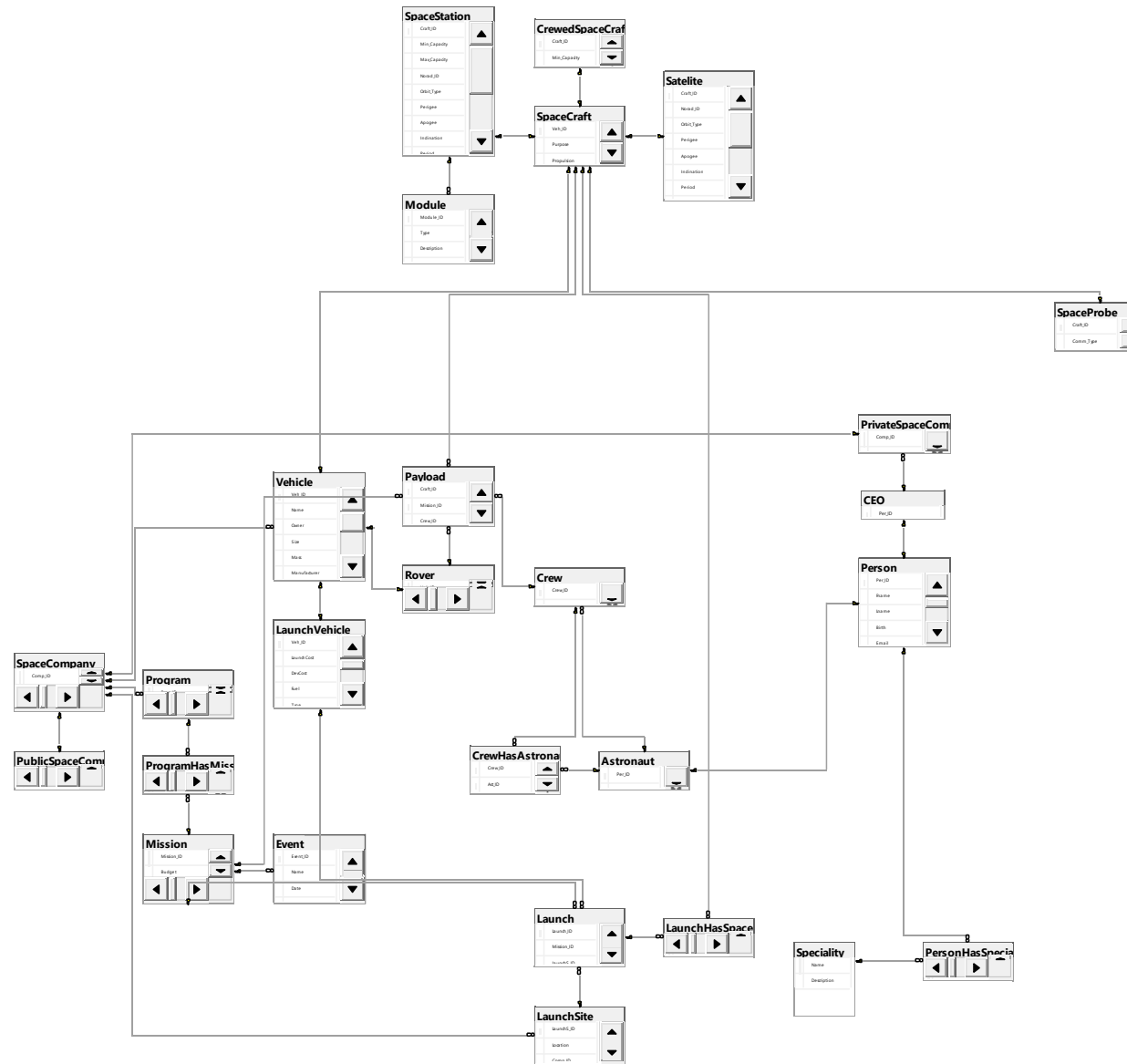
DER DIAGRAM



ER DIAGRAM



DATABASE DIAGRAM





OVERVIEW



Triggers, UDF's , Stored Procedures ,Views

Triggers

We use triggers to impose some restrictions on our database that we couldn't using create tables.











 EmailOrPhone.sql

 NoradNullPositionNullS.sql

 NoradNullPositionNullSS.sql

UDF's

We use UDF's mainly for things that could be used like a data source, mainly all our get's that involve input parameters.

-  `getCompanyNumMissions.sql`
-  `getEmployeesFromSpaceCompany.sql`
-  `getMissionFromSpaceAgency.sql`
-  `getPerson.sql`
-  `getProgramsOfCompany.sql`
-  `getSpaceAgency.sql`
-  `getSpacecraftInvolmentsInMission.sql`
-  `getSpacecraftsOfMission.sql`
-  `getVehiclesFromSpaceCompany.sql`
-  `numMission.sql`

Stored Procedures

We used stored procedures to encapsulate instructions that can then be called directly from the form.

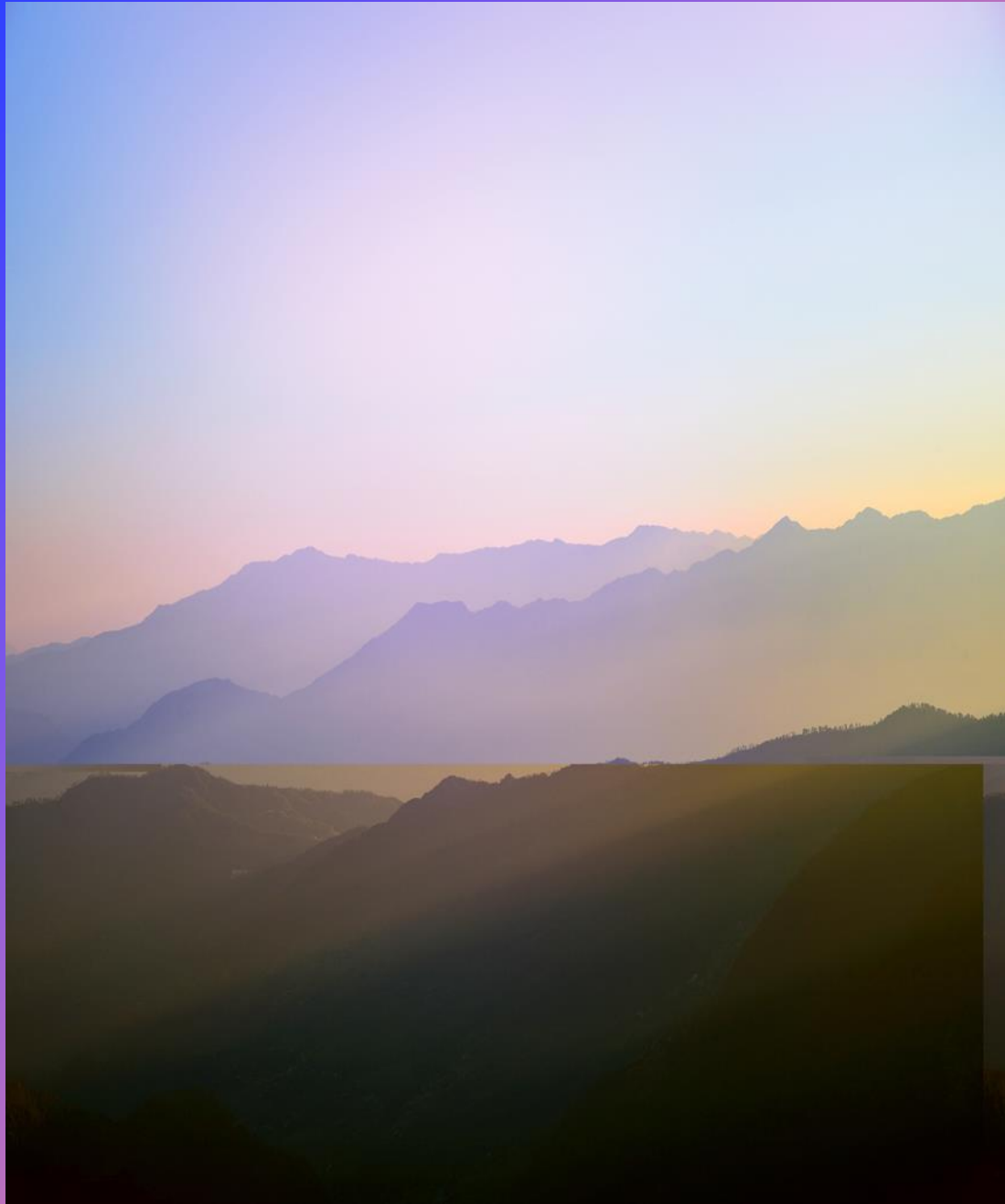
- addEvent.sql
- addMission.sql
- addMissionToProgram.sql
- addPerson.sql
- addSpaceCompany.sql
- addVehicle.sql
- deletePerson.sql
- deleteProgram.sql
- deleteSpaceCompany.sql
- deleteVehicule.sql
- template.sql

Views

We used views to create new data sources that don't involve parameters.

 `AstronautView.sql`

 `CeoView.sql`



The way to get started is to quit talking and begin doing.

Walt Disney



VIDEO DEMONSTRATION

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THANK YOU

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