

Diagrama UML

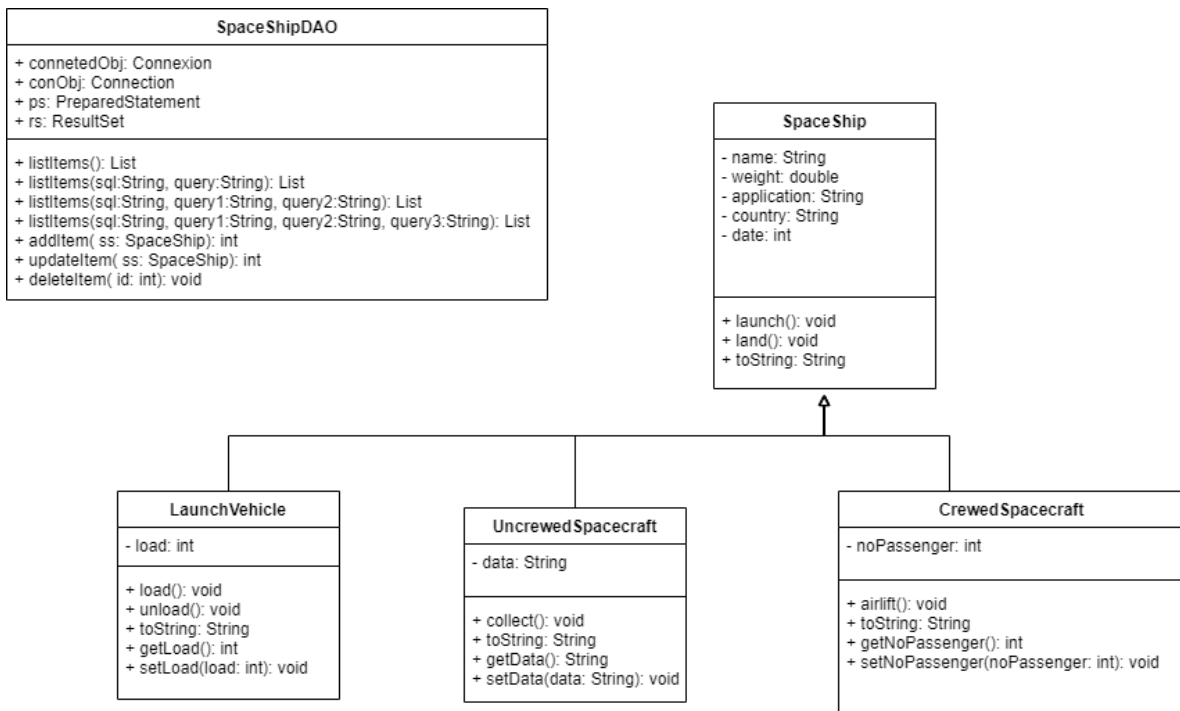
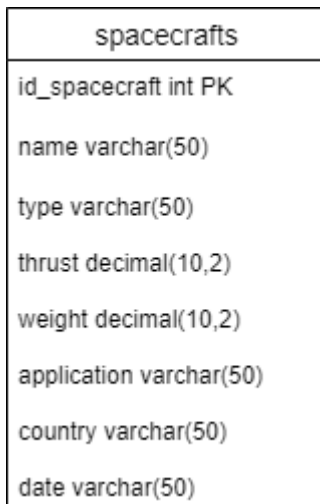


Diagrama MER



Base de datos en PhpMyAdmin

The screenshot displays the PhpMyAdmin web interface. On the left, a sidebar shows a tree view of databases, with 'spacecrafts_app' selected and its 'spacecrafts' table highlighted. The main area shows the 'spacecrafts' table with 11 records. The table has columns: id_spacecraft, name, type, thrust, weight, application, country, and date. Each record includes edit, copy, and delete icons. The bottom of the interface features a 'Consola' tab.

	id_spacecraft	name	type	thrust	weight	application	country	date
<input type="checkbox"/>	1	Saturn V	launch vehicle	3500.00	2900.00	launch a payload	USA	1967-1973
<input type="checkbox"/>	2	Energy	launch vehicle	3060.00	2400.00	study celestial object	Russia	1987-1988
<input type="checkbox"/>	3	Ariane V	launch vehicle	5.70	6.90	carry repairman	Europe	1996-Act.
<input type="checkbox"/>	4	H IIA	launch vehicle	2.20	285.00	study celestial object	Japan	2001-Act.
<input type="checkbox"/>	5	Long March 3B	launch vehicle	1.00	0.20	launch a payload	China	1996-Act.
<input type="checkbox"/>	6	Messenger	uncrewed spacecraft	0.07	1.09	study celestial object	USA	2004-Act.
<input type="checkbox"/>	7	Sputnik	uncrewed spacecraft	3.00	0.08	study celestial object	Russia	1957-1958
<input type="checkbox"/>	8	ATV	uncrewed spacecraft	0.02	20.00	study celestial object	Europe	2008-Act.
<input type="checkbox"/>	9	Skylab	crewed spacecraft	1.00	77.00	carry repairman	USA	1973-1979
<input type="checkbox"/>	10	Salyut	crewed spacecraft	0.40	19.80	study celestial object	Russia	1998-Act.
<input type="checkbox"/>	11	Shenzou	crewed spacecraft	0.01	7.84	carry repairman	China	1999-Act.

APP

ID:

Type:

Name:

Use:

Thrust:

Country:

Weight:

Date:

Save

List

Upda...

Ok

Delete

Filter

all

all

all


Detail

ID	Name	Type	Thrust	Weight	Use	Country	Date
1	Saturn V	launch ve...	3500.0	2900.0	launch a ...	USA	1967-1973
2	Energy	launch ve...	3060.0	2400.0	study cele...	Russia	1987-1988
3	Ariane V	launch ve...	5.7	6.9	carry repa...	Europe	1996-Act.
4	H IIA	launch ve...	2.2	285.0	study cele...	Japan	2001-Act.
5	Long Marc...	launch ve...	1.0	0.2	launch a ...	China	1996-Act.
6	Messenger	uncrewed ...	0.07	1.09	study cele...	USA	2004-Act.
7	Sputnik	uncrewed ...	3.0	0.08	study cele...	Russia	1957-1958
8	ATV	uncrewed ...	0.02	20.0	study cele...	Europe	2008-Act.
9	Skylab	crewed sp...	1.0	77.0	carry repa...	USA	1973-1979
10	Salyut	crewed sp...	0.4	19.8	study cele...	Russia	1998-Act.
11	Shenzou	crewed sp...	0.01	7.84	carry repa...	China	1999-Act.

CRUD

Crear

Leer


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□
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Data

ID:
Type:

Name:
Use:

Thrust:
Country:

Weight:
Date:

Detail

ID	Name	Type	Thrust	Weight	Use	Country	Date
1	Saturn V	launch ve...	3500.0	2900.0	launch a ...	USA	1967-1973
2	Energy	launch ve...	3060.0	2400.0	study cele...	Russia	1987-1988
3	Ariane V	launch ve...	5.7	6.9	carry repa...	Europe	1996-Act.
4	H IIA	launch ve...	2.2	285.0	study cele...	Japan	2001-Act.
5	Long Marc...	launch ve...	1.0	0.2	launch a ...	China	1996-Act.
6	Messenger	uncrewed ...	0.07	1.09	study cele...	USA	2004-Act.
7	Sputnik	uncrewed ...	3.0	0.08	study cele...	Russia	1957-1958
8	ATV	uncrewed ...	0.02	20.0	study cele...	Europe	2008-Act.
9	Skylab	crewed sp...	1.0	77.0	carry repa...	USA	1973-1979
10	Salyut	crewed sp...	0.4	19.8	study cele...	Russia	1998-Act
11	Shenzou	crewed sp...	0.01	7.84	carry repa...	China	1999-Act.
13	Apollo	crewed sp...	36.0	36.0	study cele...	USA	1966-1975

Actualizar

Data

ID:11

Type:crewed spacecraft

Save

Name:Shenzou

Use:carry repairman

List

Thrust:0.01

Country:China

Upda...

Ok

Weight:7.84

Date:1999-Act.

Delete

Filter

all

all

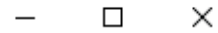
all

Detail

ID	Name	Type	Thrust	Weight	Use	Country	Date
1	Saturn V	launch ve...	3500.0	2900.0	launch a ...	USA	1967-1973
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7	Sputnik	uncrewed ...	3.0	0.08	study cele...	Russia	1957-1958
8	ATV	uncrewed ...	0.02	20.0	study cele...	Europe	2008-Act.
9	Skylab	crewed sp...	1.0	77.0	carry repa...	USA	1973-1979
10	Salyut	crewed sp...	0.4	19.8	study cele...	Russia	1998-Act
11	Shenzou	crewed sp...	0.01	7.84	carry repa...	China	1999-Act.
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5	Long Marc...	launch ve...	1.0	0.2	launch a ...	China	1996-Act.
6	Messenger	uncrewed ...	0.07	1.09	study cele...	USA	2004-Act.
7	Sputnik	uncrewed ...	3.0	0.08	study cele...	Russia	1957-1958
8	ATV	uncrewed ...	0.02	20.0	study cele...	Europe	2008-Act.
9	Skylab	crewed sp...	1.0	77.0	carry repa...	USA	1973-1979
10	Salyut	crewed sp...	0.4	19.8	study cele...	Russia	1998-Act.
11	Shenzou	crewed sp...	1.2	1.2	launch a ...	China	1999-Act.
13	Apollo	crewed sp...	36.0	36.0	study cele...	USA	1966-1975

Eliminar




Data

ID:	<input type="text" value="11"/>	Type:	<input type="text"/>	<input type="button" value="Save"/>
Name:	<input type="text"/>	Use:	<input type="text"/>	<input type="button" value="List"/>
Thrust:	<input type="text"/>	Country:	<input type="text"/>	<input type="button" value="Upda..."/>
Weight:	<input type="text"/>	Date:	<input type="text"/>	<input type="button" value="Ok"/>
<input type="button" value="Delete"/>				
<input type="button" value="Filter"/>				
<input type="button" value="launch vehi..."/> <input type="button" value="all"/>				

Detail

ID	Name	Type	Thrust	Weight	Use	Country	Date
1	Saturn V	launch ve...	3500.0	2900.0	launch a ...	USA	1967-1973
2	Energy	launch ve...	3060.0	2400.0	study cele...	Russia	1987-1988
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6	Messenger	uncrewed ...	0.07	1.09	study cele...	USA	2004-Act.
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11	Shenzou	crewed sp...	1.2	1.2	launch a ...	China	1999-Act.


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Data

ID:
Type:

Name:
Use:

Thrust:
Country:

Weight:
Date:

Detail

ID	Name	Type	Thrust	Weight	Use	Country	Date
2	Energy	launch ve...	3060.0	2400.0	study cele...	Russia	1987-1988
4	H IIA	launch ve...	2.2	285.0	study cele...	Japan	2001-Act.
6	Messenger	uncrewed ...	0.07	1.09	study cele...	USA	2004-Act.
7	Sputnik	uncrewed ...	3.0	0.08	study cele...	Russia	1957-1958
8	ATV	uncrewed ...	0.02	20.0	study cele...	Europe	2008-Act.
10	Salyut	crewed sp...	0.4	19.8	study cele...	Russia	1998-Act

Filtrar por país

Data

ID: 11

Type:

Save

Name:

Use:

List

Thrust:

Country:

Upda...

Ok

Weight:

Date:

Delete

Filter

all

all

Russia

Detail

ID	Name	Type	Thrust	Weight	Use	Country	Date
1	Saturn V	launch ve...	3500.0	2900.0	launch a ...	USA	1967-1973
2	Energy	launch ve...	3060.0	2400.0	study cele...	Russia	1987-1988
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Filtrar por uso y por país

