

Sailor Boat Reservation Database

TABLE NAME	TABLE DESCRIPTION	# of Attributes
Sailor	Information on Sailors who have had Reservations	4
Boat	Information on Boats that are offered for Rentals	3
Reservation	Information on Reservation Made for Boats by Sailors	5

TABLE: Sailor

ATTRUBUTE NAME	ATTRIBUTE DESCRIPTION	Data Type	Domain	PK	FK	Null
sid	Identification number of a Sailor in the System	INT	1-100	Yes	No	No
sname	Name of a Sailor in the System	VARCHAR	50 Characters	No	No	No
rating	Sailing Rating of a Sailor in the System	INT	<= 10 and >=1	No	No	No
age	Age of a Sailor in the System	INT	>=16	No	No	No

TABLE: Boat

ATTRUBUTE NAME	ATTRIBUTE DESCRIPTION	Data Type	Domain	PK	FK	Null
bid	Boat Identification Number	INT	1-10,000	Yes	No	No
name	Name given to the Boat	VARCHAR	25 Characters	No	No	No
color	Color of the Boat	VARCHAR	25 Characters	No	No	No

TABLE: Reservation

ATTRUBUTE NAME	ATTRIBUTE DESCRIPTION	Data Type	Domain	PK	FK	Null
r_num	Reservation Number - Auto Incremented	INT	1-10,000	Yes	No	No
bid	Boat Identification Number	INT	1-10,000	Yes	Yes	No
sid	Identification number of a Sailor in the System	INT	1-100	Yes	Yes	No
rdate	Date of the Boat Reservation	DATE	Valid Date	Yes	No	No
price	Cost of the Reservation	DOUBLE	<100 and <500	No	No	No

