

Largest Catch		
Field	Type	Constraints
Date of Trip	time (DD-MM-YY)	Primary Key
Heaviest Fish	int	Not Null
Longest Fish	int	Not Null
Username	string	Foreign Key
Location	string	Foreign Key

Bites & Baits		
Field	Type	Constraints
Location	string	Primary Key
# of Bites	int	Not Null
# of Fish	int	Not Null
Total # of Bait Used	int	Not Null
Overall Comments	string	Null
Username	string	Foreign Key
Date of Trip	time (DD-MM-YY)	Foreign Key

Types of Fish		
Field	Type	Constraints
Fish Number	int	Primary Key
Type of Fish	string	Not Null
Type of Bait/Lure Used	string	Null
Color of Lure	string	Null
Rod Used	string	Null
Time Caught	time (HH:MM)	Null
Weight of Fish	double/decimal	Null
Length of Fish	double/decimal	Null
Username	string	Foreign Key
Location	string	Foreign Key

FAZE User		
Field	Type	Constraints
Username	string	Primary Key
Email Address	string	Unique
Password	string, int, symbols	Unique
Name	string	Null

Summary of Fishing Trip		
Field	Type	Constraints
Username	string	Primary Key
Date of Trip	time (DD-MM-YY)	Unique
Time Start for Fishing	time (HH:MM)	Not Null
Time Spent Fishing	time (hh:mm)	Not Null
Location	string	Not Null
# of Fish	int	Not Null
Moon Phase	string	Null
Season	string	Null
Avg Temp	int	Null

Most Effective Bait		
Field	Type	Constraints
Type of Bait	string	Primary Key
# of Fish Caught	int	Not Null
Type of Bait	string	Null

Most Effective Lure		
Field	Type	Constraints
Type of Lure	string	Primary Key
# of Fish Caught	int	Not Null
Color of Lure	string	Null

Largest Catch

Summary of Trip

Quantifying Bites, Catches, and Bait

Classifying Fish Caught

Most Effective Bait

Most Effective Lure & Color