

fitvision

aimodel

Column	Type	Null	Default	Links to	Comments	Media type
modelID <i>(Primary)</i>	int(11)	No				
modelName	varchar(100)	Yes	NULL			
version	varchar(50)	Yes	NULL			
accuracy	float	Yes	NULL			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	modelID	2	A	No	

consultation

Column	Type	Null	Default	Links to	Comments	Media type
consultationID <i>(Primary)</i>	int(11)	No				
userID	int(11)	Yes	NULL	user -> userID		
trainerID	int(11)	Yes	NULL	trainer -> trainerID		
date	date	Yes	NULL			
time	time	Yes	NULL			
notes	text	Yes	NULL			
recommendations	text	Yes	NULL			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	consultationID	0	A	No	
userID	BTREE	No	No	userID	0	A	Yes	
trainerID	BTREE	No	No	trainerID	0	A	Yes	

exercise

Column	Type	Null	Default	Links to	Comments	Media type
exercisID ( <i>Primary</i> )	int(11)	No				
name	varchar(100)	No				
description	text	Yes	<i>NULL</i>			
category	varchar(50)	Yes	<i>NULL</i>			
equipment	varchar(50)	Yes	<i>NULL</i>			
difficultyLevel	varchar(50)	Yes	<i>NULL</i>			
image	varchar(255)	Yes	<i>NULL</i>			
video	varchar(255)	Yes	<i>NULL</i>			

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	exercisID	0	A	No	

## exercisessions

Column	Type	Null	Default	Links to	Comments	Media type
sessionID ( <i>Primary</i> )	int(11)	No				
userID	int(11)	Yes	<i>NULL</i>	user -> userID		
date	datetime	Yes	<i>NULL</i>			
duration	float	Yes	<i>NULL</i>			
exercises	text	Yes	<i>NULL</i>			
feedbackID	int(11)	Yes	<i>NULL</i>	feedback -> feedbackID		
recommendationID	int(11)	Yes	<i>NULL</i>	recommendations -> recommendationID		

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	sessionID	2	A	No	
userID	BTREE	No	No	userID	2	A	Yes	
feedbackID	BTREE	No	No	feedbackID	2	A	Yes	
recommendationID	BTREE	No	No	recommendationID	2	A	Yes	

## exercise\_session\_relation

Column	Type	Null	Default	Links to	Comments	Media type
sld	int(11)	Yes	<i>NULL</i>	exercisesessions -> sessionID		
eld	int(11)	Yes	<i>NULL</i>	exercise -> exerciseID		

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
sld	BTREE	No	No	sld	0	A	Yes	
eld	BTREE	No	No	eld	0	A	Yes	

## feedback

Column	Type	Null	Default	Links to	Comments	Media type
feedbackID <i>(Primary)</i>	int(11)	No				
sessionID	int(11)	Yes	<i>NULL</i>	exercisesessions -> sessionID		
comments	text	Yes	<i>NULL</i>			
rating	int(11)	Yes	<i>NULL</i>			

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	feedbackID	2	A	No	
sessionID	BTREE	No	No	sessionID	2	A	Yes	

## progress

Column	Type	Null	Default	Links to	Comments	Media type
progressID <i>(Primary)</i>	int(11)	No				
userID	int(11)	Yes	<i>NULL</i>	user -> userID		
date	date	Yes	<i>NULL</i>			
weight	decimal(5,2)	Yes	<i>NULL</i>			
bodyFatPercentage	decimal(5,2)	Yes	<i>NULL</i>			
muscleMass	decimal(5,2)	Yes	<i>NULL</i>			
progressPhotos	varchar(255)	Yes	<i>NULL</i>			

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	progressID	0	A	No	
userID	BTREE	No	No	userID	0	A	Yes	

## recommendations

Column	Type	Null	Default	Links to	Comments	Media type
recommendationID <i>(Primary)</i>	int(11)	No				
userID	int(11)	Yes	<i>NULL</i>	user -> userID		
exercises	text	Yes	<i>NULL</i>			
dietPlan	text	Yes	<i>NULL</i>			
tips	text	Yes	<i>NULL</i>			

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	recommendationID	2	A	No	
userID	BTREE	No	No	userID	2	A	Yes	

## sensordata

Column	Type	Null	Default	Links to	Comments	Media type
sensorID <i>(Primary)</i>	int(11)	No				
sessionID	int(11)	Yes	<i>NULL</i>	exercisessessions -> sessionID		
timestamp	datetime	Yes	<i>NULL</i>			
data	text	Yes	<i>NULL</i>			

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	sensorID	2	A	No	
sessionID	BTREE	No	No	sessionID	2	A	Yes	

## trainer

Column	Type	Null	Default	Links to	Comments	Media type
trainerID ( <i>Primary</i> )	int(11)	No				
name	varchar(100)	No				
certification	text	Yes	<i>NULL</i>			
expertise	text	Yes	<i>NULL</i>			
availability	text	Yes	<i>NULL</i>			
contactInfo	varchar(255)	Yes	<i>NULL</i>			

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	trainerID	0	A	No	

## user

Column	Type	Null	Default	Links to	Comments	Media type
userID ( <i>Primary</i> )	int(11)	No				
name	varchar(100)	No				
email	varchar(100)	No				
password	varchar(255)	No				
age	int(11)	Yes	<i>NULL</i>			
weight	decimal(5,2)	Yes	<i>NULL</i>			
height	decimal(5,2)	Yes	<i>NULL</i>			
fitnessLevel	varchar(50)	Yes	<i>NULL</i>			
goals	text	Yes	<i>NULL</i>			
preferences	varchar(20)	Yes	<i>NULL</i>			

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	userID	2	A	No	
email	BTREE	Yes	No	email	2	A	No	