Table of contents

1 crew_link

Creation: Oct 10, 2015 at 11:20 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
base_station_rest_duration	time		Yes	NULL				
is_end	bit(1)		No					
is_periodicrest	bit(1)		No					
is_start	bit(1)		No					
crew_base_station	bigint(20)		Yes	NULL		station -> id		
crew_type	bigint(20)		Yes	NULL		crew_type -> id		
next_crew_link	bigint(20)		Yes	NULL		crew_link -> id		
prev_crew_link	bigint(20)		Yes	NULL		crew_link -> id		
round_trip	bigint(20)		No			round_trip -> id		
user	bigint(20)		No			user -> id		

2 crew_type

Creation: Oct 10, 2015 at 11:20 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
name	varchar(255)		No					

3 driving_duty

Creation: Oct 10, 2015 at 11:20 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
is_end	bit(1)		No					
is_start	bit(1)		No					
driving_section	bigint(20)		No			driving_section -> id		
end_pilot	bigint(20)		Yes	NULL		pilot -> id		
next_driving_duty	bigint(20)		Yes	NULL		driving_duty -> id		
prev_driving_duty	bigint(20)		Yes	NULL		driving_duty -> id		
start_pilot	bigint(20)		Yes	NULL		pilot -> id		
user	bigint(20)		No			user -> id		

4 driving_section

Creation: Oct 10, 2015 at 11:20 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
is_end	bit(1)		No					
is_start	bit(1)		No					
train	tinyblob		No					
crew_base_station	bigint(20)		Yes	NULL		station -> id		
crew_type	bigint(20)		Yes	NULL		crew_type -> id		
end_train_running	bigint(20)		No			train_running_detail -> id		
next_driving_section	bigint(20)		Yes	NULL		driving_section -> id		
prev_driving_section	bigint(20)		Yes	NULL		driving_section -> id		
start_train_running	bigint(20)		Yes	NULL		train_running_detail -> id		
user	bigint(20)		No			user -> id		

5 head_quarter

Creation: Oct 10, 2015 at 11:20 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
rest_duration	time		No					
sign_off_duration	time		No					
sign_on_duration	time		No					
station	bigint(20)		No			station -> id		

6 out_station

Creation: Oct 10, 2015 at 11:20 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
number_of_beds	int(11)		No					
sign_off_duration	time		No					
sign_on_duration	time		No					
station	bigint(20)		No			station -> id		

Oct 10, 2015 at 08:13 AM

7 pilot

Creation: Oct 10, 2015 at 11:20 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
distance	int(11)		Yes	NULL				
duration	time		Yes	NULL				
name	varchar(255)		No					
destination_stat ion	bigint(20)		No			station -> id		
origin_station	bigint(20)		No			station -> id		
type	bigint(20)		No			pilot_type -> id		

8 pilot_type

Creation: Oct 10, 2015 at 11:20 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
name	varchar(255)		No					

9 role

Creation: Oct 10, 2015 at 11:20 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
name	varchar(255)		No					

Oct 10, 2015 at 08:13 AM

10 round_trip

Creation: Oct 10, 2015 at 11:21 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
is_end	bit(1)		No					
is_start	bit(1)		No					
out_station_rest _duration	time		Yes	NULL				
driving_duty	bigint(20)		No			driving_duty -> id		
next_round_trip	bigint(20)		Yes	NULL		round_trip -> id		
out_station	bigint(20)		Yes	NULL		out_station -> id		
prev_round_trip	bigint(20)		Yes	NULL		round_trip -> id		
user	bigint(20)		No			user -> id		

11 station

Creation: Oct 10, 2015 at 11:20 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
code	varchar(255)		No					
is_crew_base	bit(1)		No					
is_out_station	bit(1)		No					
name	varchar(255)		No					

12 train

Creation: Oct 10, 2015 at 11:21 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
is_daily	bit(1)		No					
name	varchar(255)		No					
start_day	varchar(255)		Yes	NULL				
train_number	int(11)		No					
destination_station	bigint(20)		No			station -> id		
origin_station	bigint(20)		No			station -> id		

13 train_running_detail

Creation: Oct 10, 2015 at 11:21 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
arrival	time		No					
day_of_journey	int(11)		No					
departure	time		No					
distance	int(11)		No					
is_loco_change	bit(1)		No					
journey_duration	time		No					
loco_change	varchar(255)		Yes	NULL				
station	bigint(20)		No			station -> id		
train	bigint(20)		No			train -> id		

14 user

Creation: Oct 10, 2015 at 11:21 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
email	varchar(255)		Yes	NULL				
employee_no	varchar(255)		Yes	NULL				
extension	varchar(255)		Yes	NULL				
first_name	varchar(255)		Yes	NULL				
last_name	varchar(255)		Yes	NULL				
mobile_no	varchar(255)		No					
password	varchar(255)		No					
status	varchar(255)		Yes	NULL				
telephone_no	varchar(255)		Yes	NULL				
username	varchar(255)		No					
version	int(11)		Yes	NULL				
headquarter_station	bigint(20)		Yes	NULL		station -> id		
role	bigint(20)		No			role -> id		

15 user_base_stations

Creation: Oct 10, 2015 at 11:21 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
user	bigint(20)		No			user -> id		
base_stations	bigint(20)		No			station -> id		

Oct 10, 2015 at 08:13 AM

16 user_train_running_detail

Creation: Oct 10, 2015 at 11:21 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
is_crew_change	bit(1)		No					
train_running_d etail	bigint(20)		No			train_running_detail -> id		
user	bigint(20)		No			user -> id		

Oct 10, 2015 at 08:13 AM

crew_type
- id
- name

train
- id
- is_daily
- name
- start_day
- train_number
- destination_station
- origin_station

station
- id
- code
- is_crew_base
- is_out_station
- name

pilot_type
- id
- name

pilot
- id
- distance
- duration
- name
- destination_station
- origin_station
- type

driving_section
- id
- is_end
- is_start
- train
- crew_base_station
- crew_type
- end_train_running
- next_driving_section
- prev_driving_section
- start_train_running
- user

train_running_detail
- id
- arrival
- day_of_journey
- departure
- distance
- is_loco_change
- journey_duration
- loco_change
- station
- train

user_train_running_detail
- id
- is_crew_change
- train_running_detail
- user

out_station
- id
- number_of_beds
- sign_off_duration
- sign_on_duration
- station

driving_duty
- id
- is_end
- is_start
- driving_section
- end_pilot
- next_driving_duty
- prev_driving_duty
- start_pilot
- user

user_base_stations
- user
- base_stations

user
- id
- email
- employee_no
- extension
- first_name
- last_name
- mobile_no
- password
- status
- telephone_no
- username
- version
- headquarter_station
- role

head_quarter
- id
- rest_duration
- sign_off_duration
- sign_on_duration
- station

round_trip
- id
- is_end
- is_start
- out_station_rest_duration
- driving_duty
- next_round_trip
- out_station
- prev_round_trip
- user

crew_link
- id
- base_station_rest_duration
- is_end
- is_periodicrest
- is_start
- crew_base_station
- crew_type
- next_crew_link
- prev_crew_link
- round_trip
- user

role
- id
- name