shift_code

id: INTEGER NOT NULL [PK]	
code: VARCHAR(10)	
description: VARCHAR(255)	
shift_type: VARCHAR(1)	
counting_item1: VARCHAR(1)	
counting_item2: VARCHAR(1)	
counting_item3: VARCHAR(1)	
counting_item4: VARCHAR(1)	
counting_item5: VARCHAR(1)	
counting_item6: VARCHAR(1)	
counting_item7: VARCHAR(1)	
counting_item8: VARCHAR(1)	
operate_by: VARCHAR(30)	
operate_at: TIMESTAMP	

shift_period

id: INTEGER NOT NULL [PK]	
shift_code_id: INTEGER [FK]	
period_start: VARCHAR(4)	
period_end: VARCHAR(4)	
period_type: VARCHAR(1)	
operate_by: VARCHAR(30)	
operate_at: TIMESTAMP	

work_assign

id: INTEGER NOT NULL [PK]	
assign_date: DATE	
assign_criteria_1: VARCHAR(10)	
assign_criteria_2: VARCHAR(10)	
assign_criteria_3: VARCHAR(10)	
assign_criteria_4: VARCHAR(10)	
assign_criteria_5: VARCHAR(10)	
operate_by: VARCHAR(30)	
operate_at: TIMESTAMP	

work_group

id: INTEGER NOT NULL [PK]	
work_assign_id: INTEGER [FK]	
work_group_name: VARCHAR(20)	
work_group_description: VARCHAR(20)	
work_group_criteria1: VARCHAR(10)	
work_group_criteria2: VARCHAR(10)	
operate_by: VARCHAR(30)	
operate_at: TIMESTAMP	

work_group_member

id: INTEGER NOT NULL [PK]	
work_group_id: INTEGER [FK]	
employee_no: VARCHAR(20)	
employee_name: VARCHAR(60)	
member_criteria1: VARCHAR(10)	
member_criteria2: VARCHAR(10)	
operate_by: VARCHAR(30)	
operate_at: TIMESTAMP	

pattern

id: INTEGER NOT NULL [PK]	
org_id: INTEGER	
code_pattern: VARCHAR(255)	
index_seq: VARCHAR(1)	
index_date: DATE	
operate_by: VARCHAR(30)	
operate_at: TIMESTAMP	

daily_shift

id: INTEGER NOT NULL [PK]	
employee_no: VARCHAR(20)	
shift_date: VARCHAR(8)	
shift_code: VARCHAR(1)	
shift_type: VARCHAR(1)	
counting_item1: VARCHAR(1)	
counting_item2: VARCHAR(1)	
counting_item3: VARCHAR(1)	
counting_item4: VARCHAR(1)	
counting_item5: VARCHAR(1)	
counting_item6: VARCHAR(1)	
counting_item7: VARCHAR(1)	
counting_item8: VARCHAR(1)	
operate_type: VARCHAR(1)	
operate_by: VARCHAR(30)	
operate_at: TIMESTAMP	

working_record

id: INTEGER NOT NULL [PK]	
employee_no: VARCHAR(20)	
employee_name: VARCHAR(60)	
record_start: TIMESTAMP	
record_end: TIMESTAMP	
operate_by: VARCHAR(30)	
operate_at: TIMESTAMP	

work_group_working_item

id: INTEGER NOT NULL [PK]	
work_group_id: INTEGER [FK]	
item_code: VARCHAR(20)	
item_description: VARCHAR(20)	
item_criteria1: VARCHAR(10)	
item_criteria2: VARCHAR(10)	
item_criteria3: VARCHAR(10)	
operate_by: VARCHAR(30)	
operate_at: TIMESTAMP	

duty_transition

id: INTEGER NOT NULL [PK]	
employee_no: VARCHAR(20)	
duty_start: DATE	
duty_end: DATE	
note: VARCHAR(255)	
operate_by: VARCHAR(30)	
operate_at: TIMESTAMP	