Report

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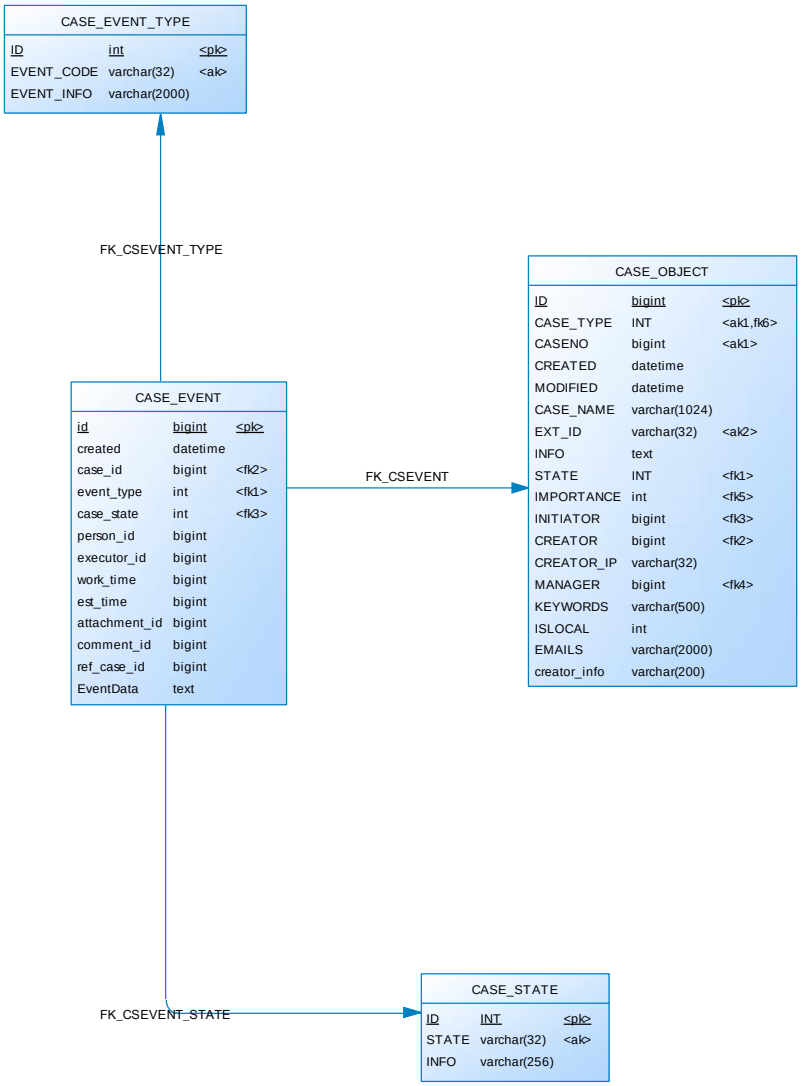
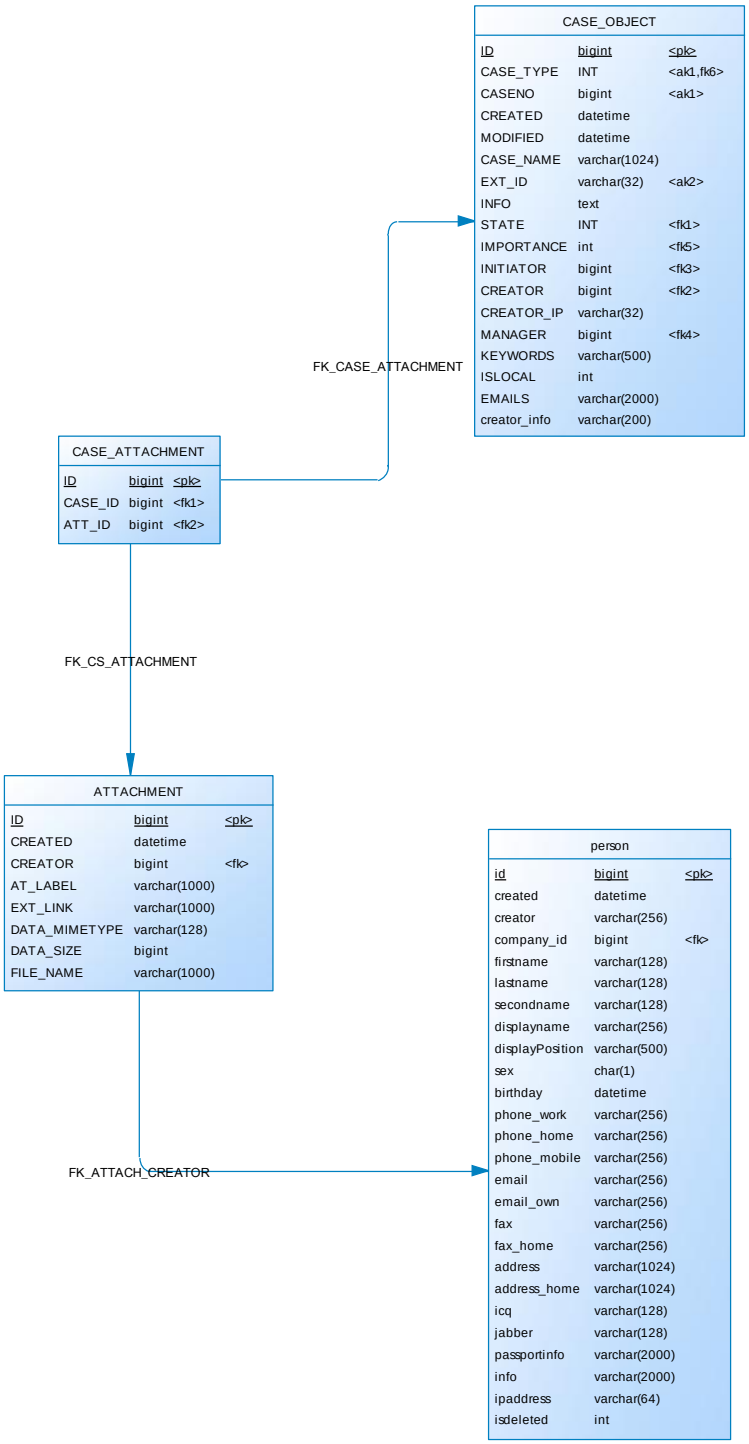
1 PDM Diagrams

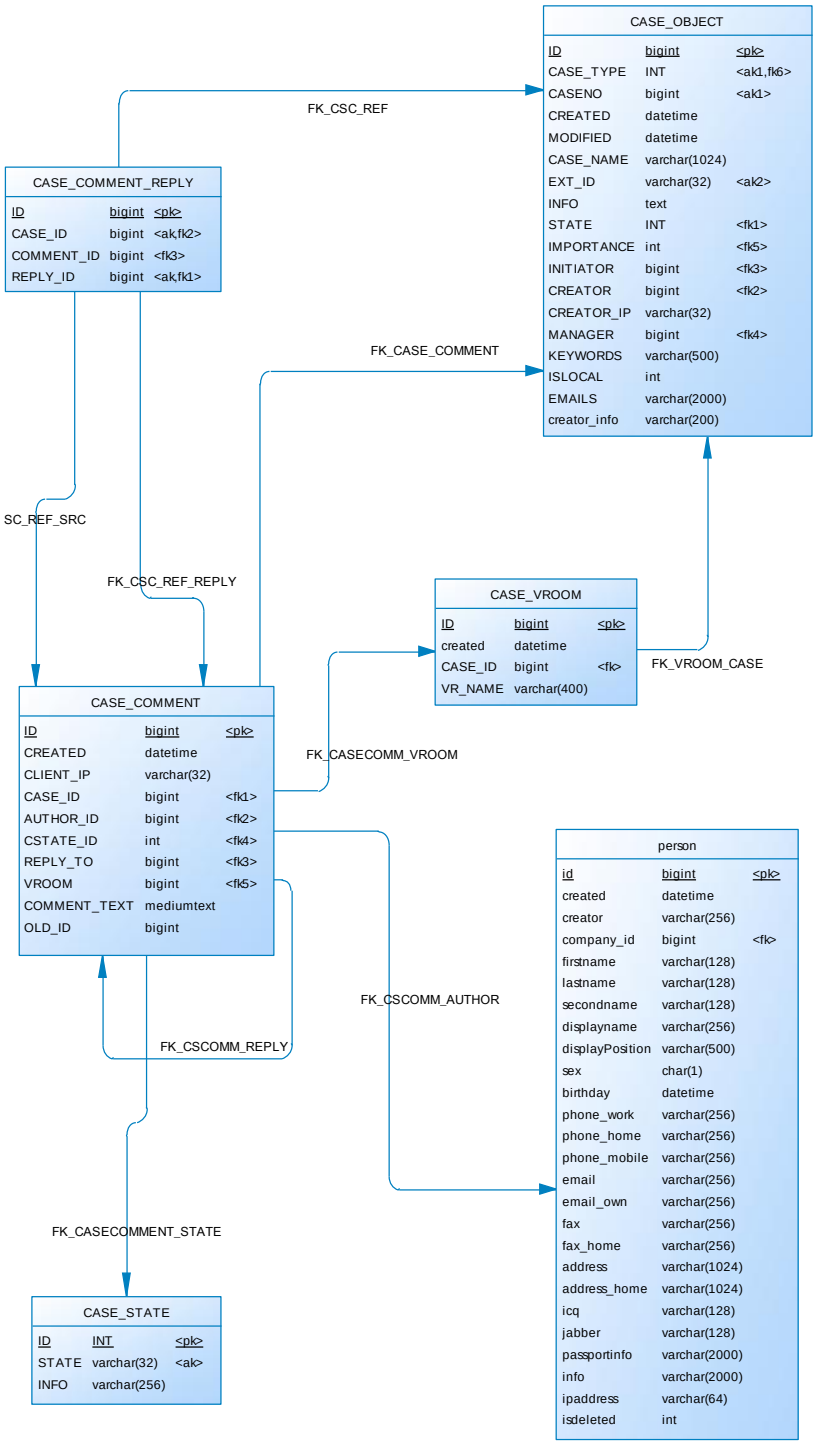
1.1 Diagram Case-Activity



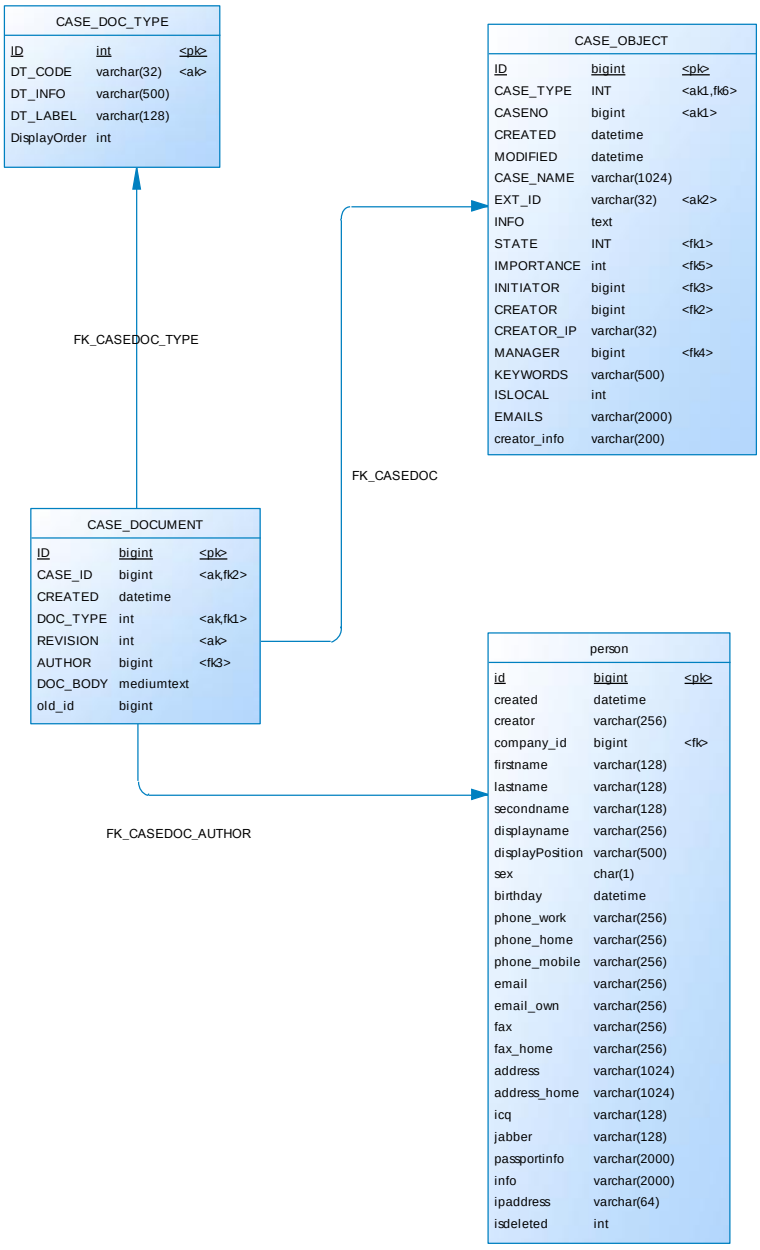
1.2 Diagram Case-Attachment



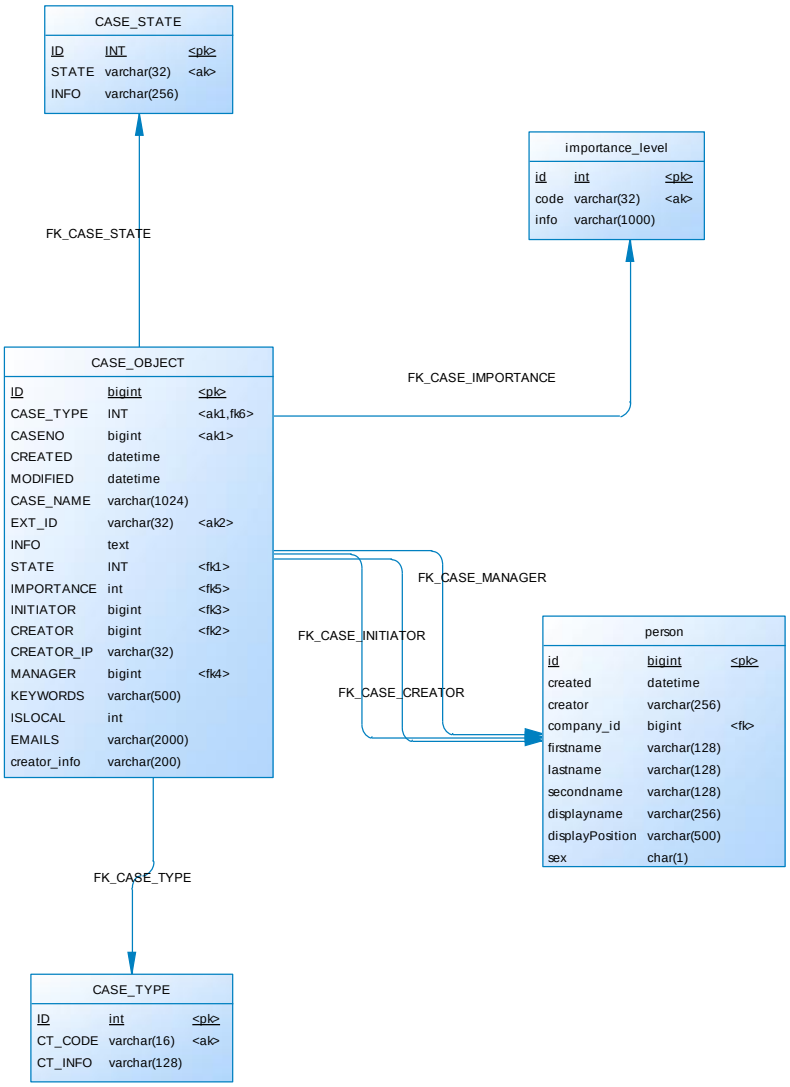
1.3 Diagram Case-Comment



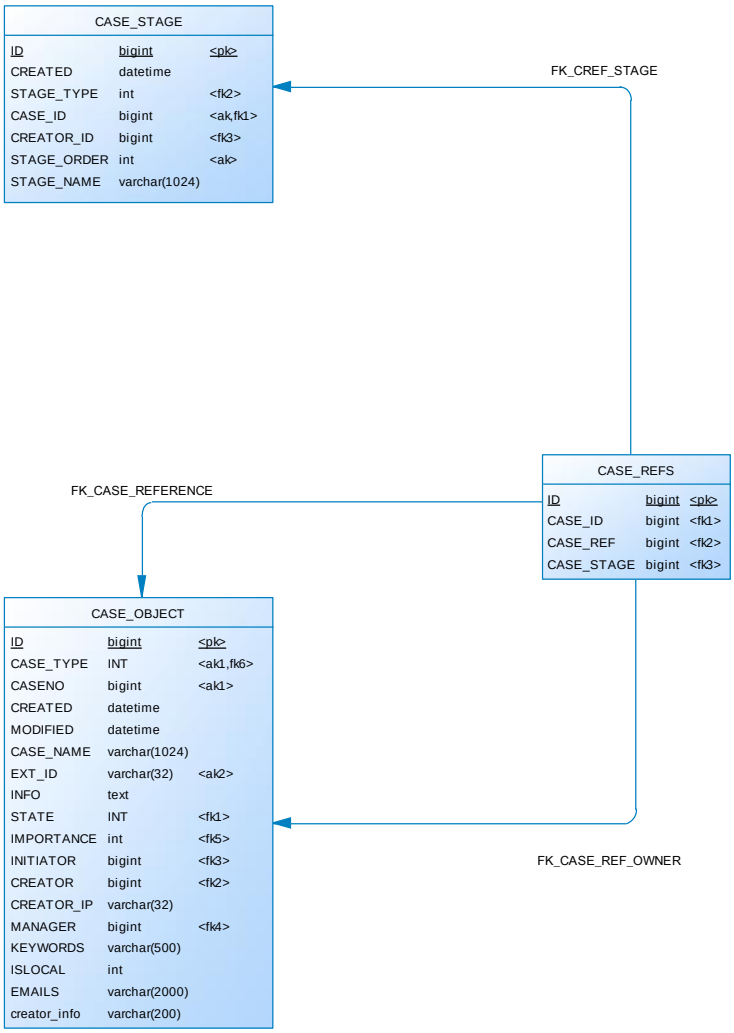
1.4 Diagram Case-Docs



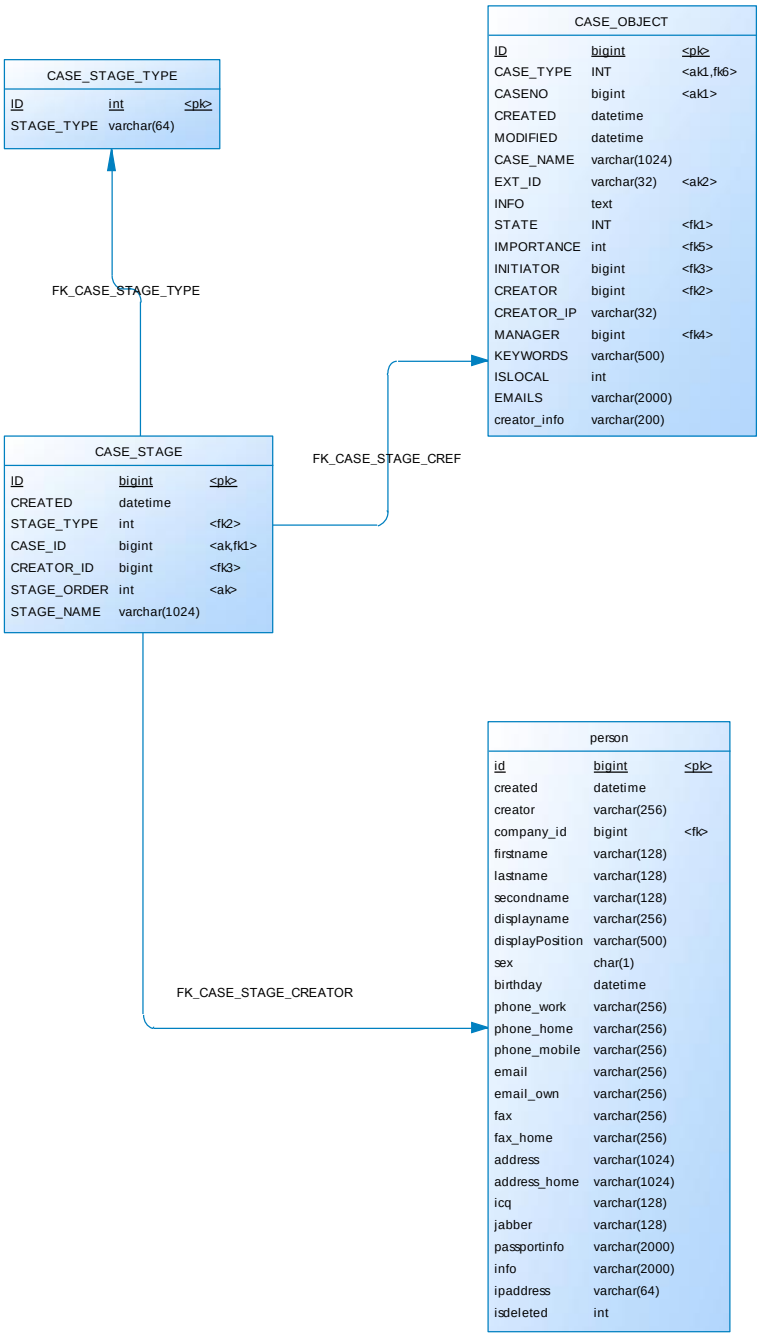
1.5 Diagram Case-Main



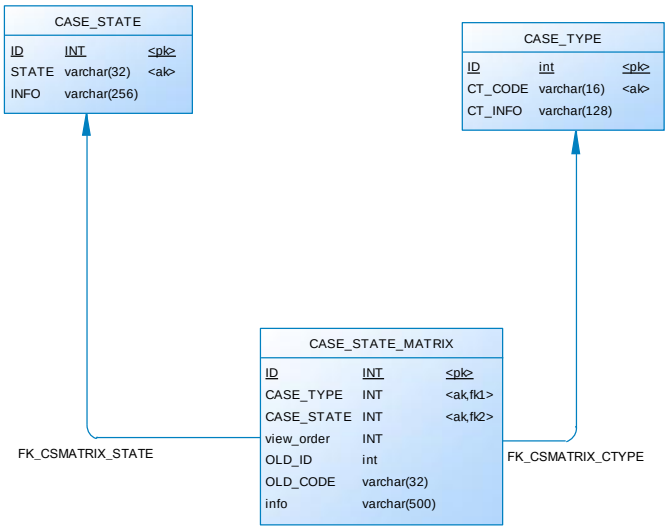
1.6 Diagram Case-References



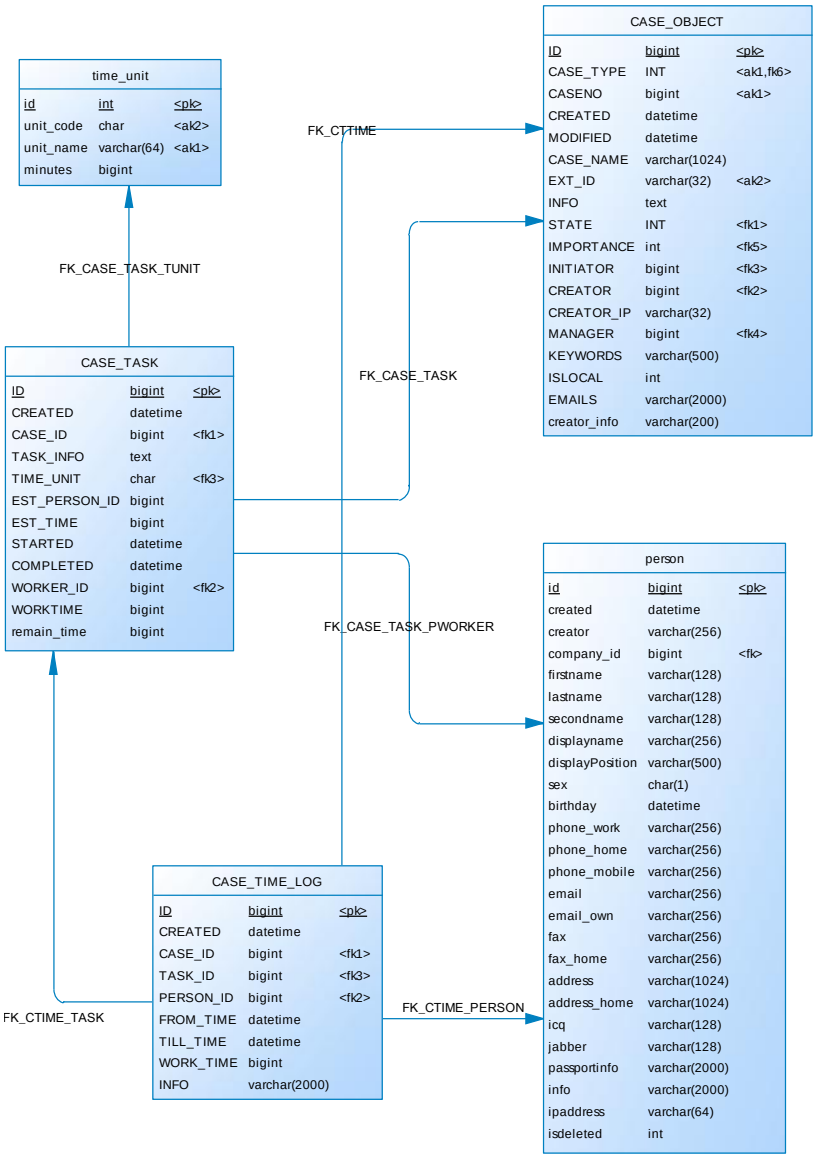
1.7 Diagram Case-Stage



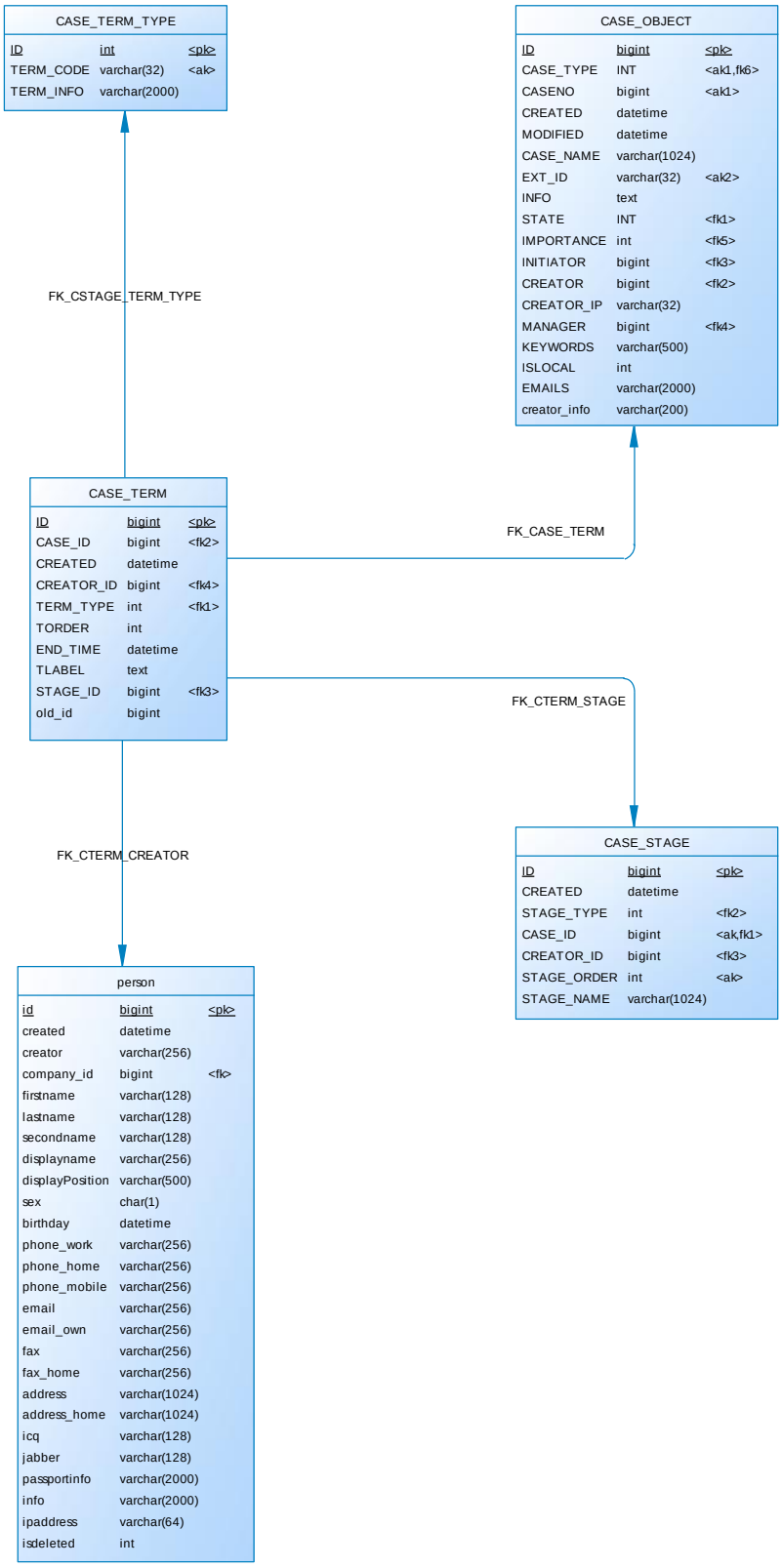
1.8 Diagram Case-State



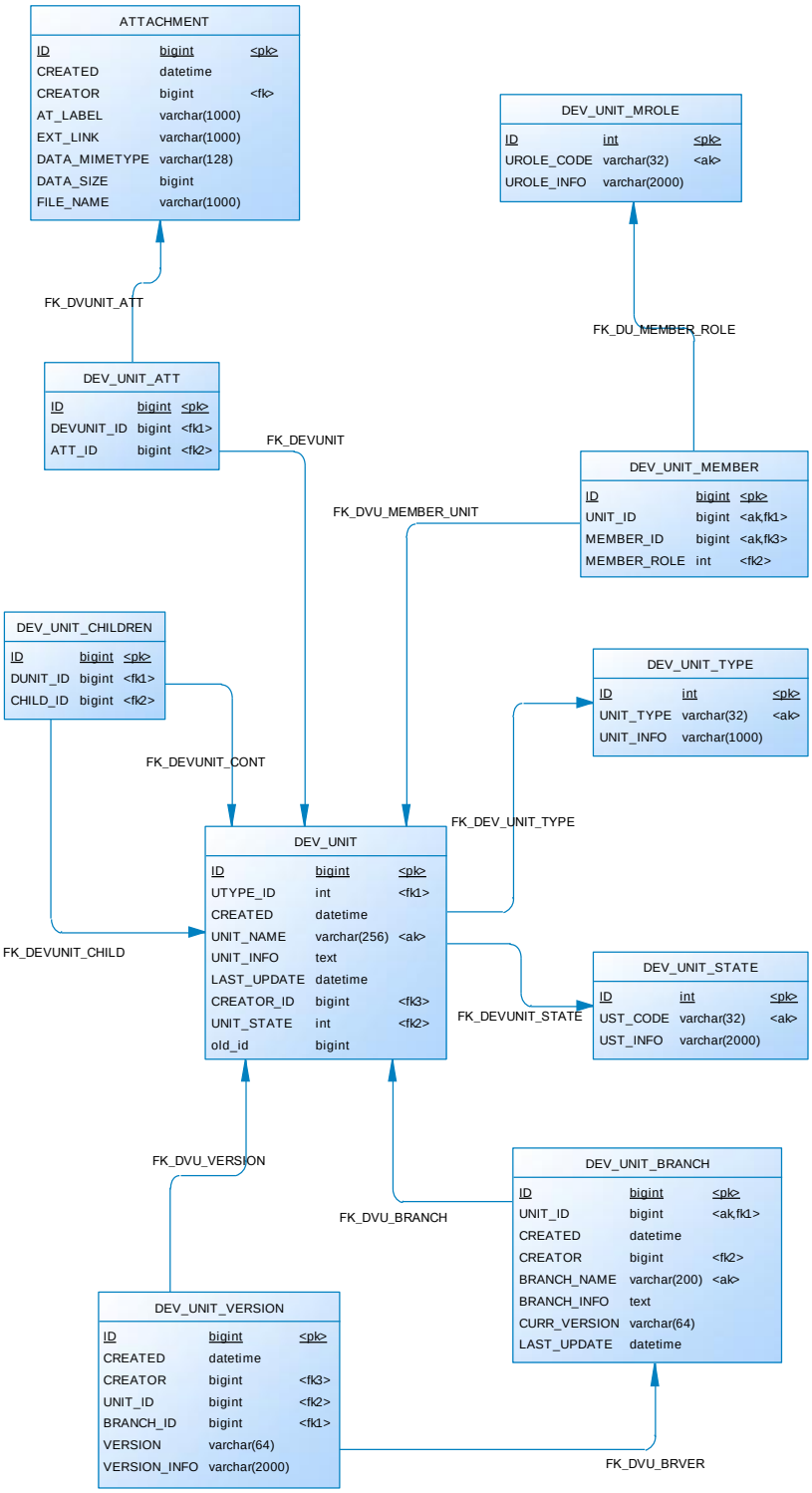
1.9 Diagram Case-Task



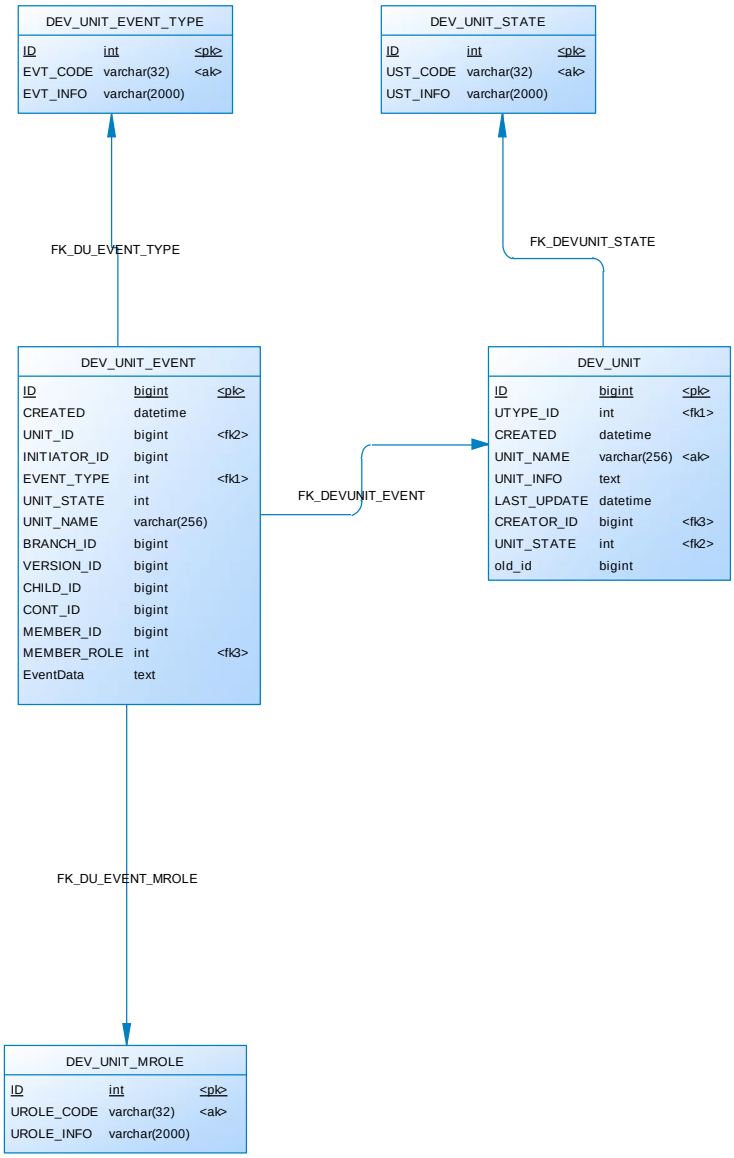
1.10 Diagram Case-Term



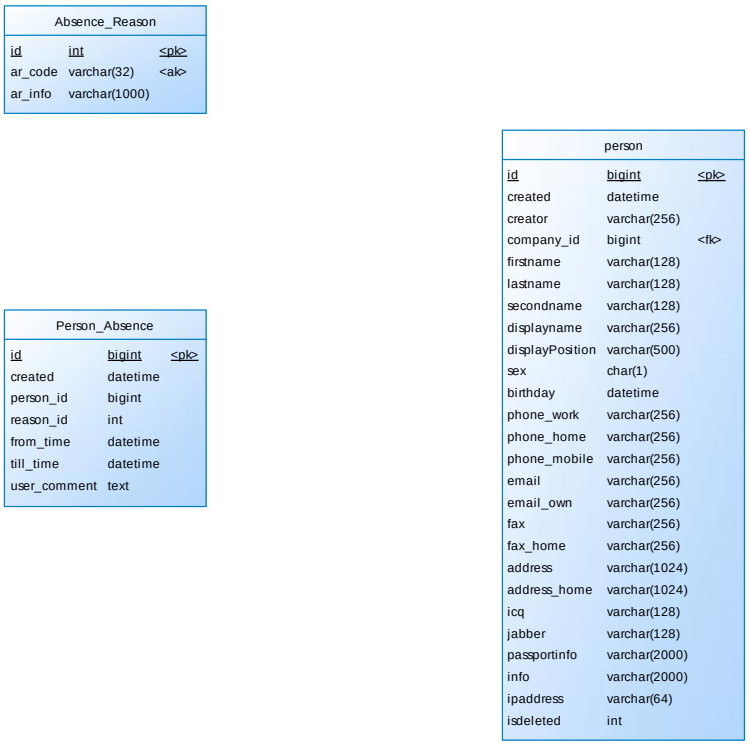
1.11 Diagram DevelopmentUnits



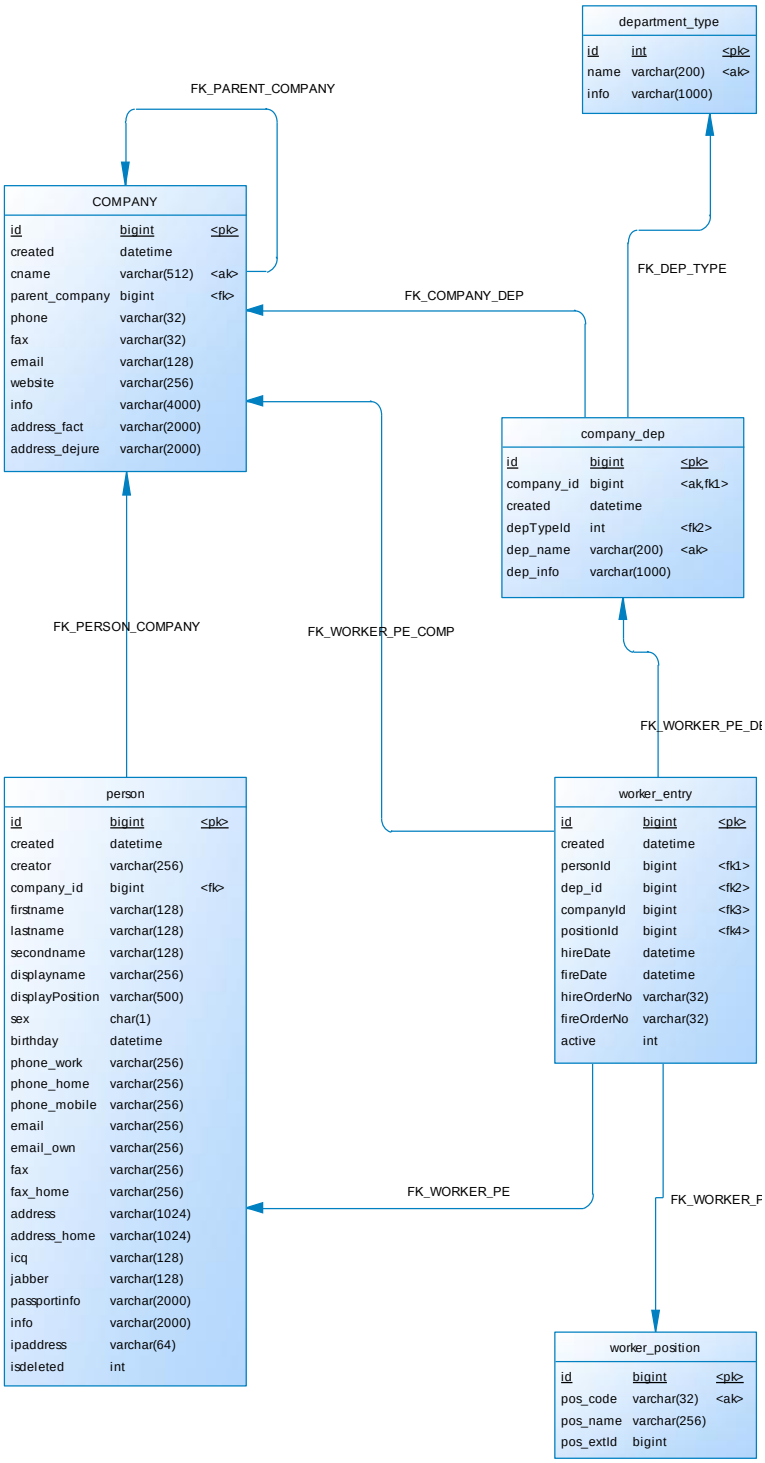
1.12 Diagram DevUnit_Activity



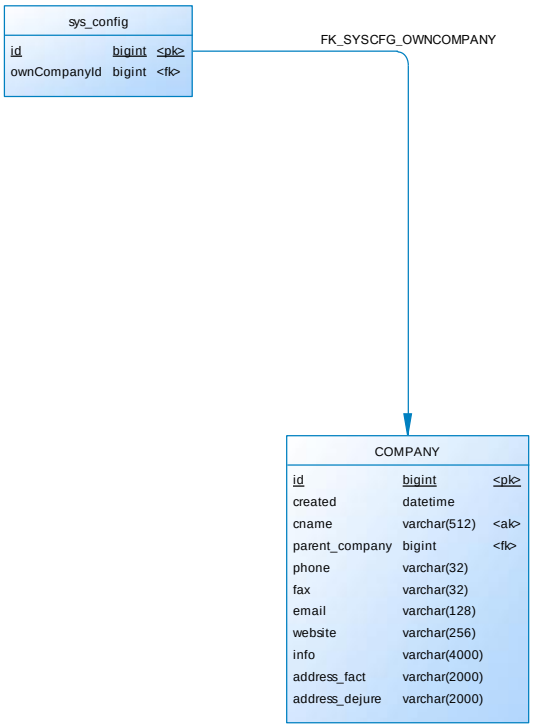
1.13 Diagram Person-AbsentLog



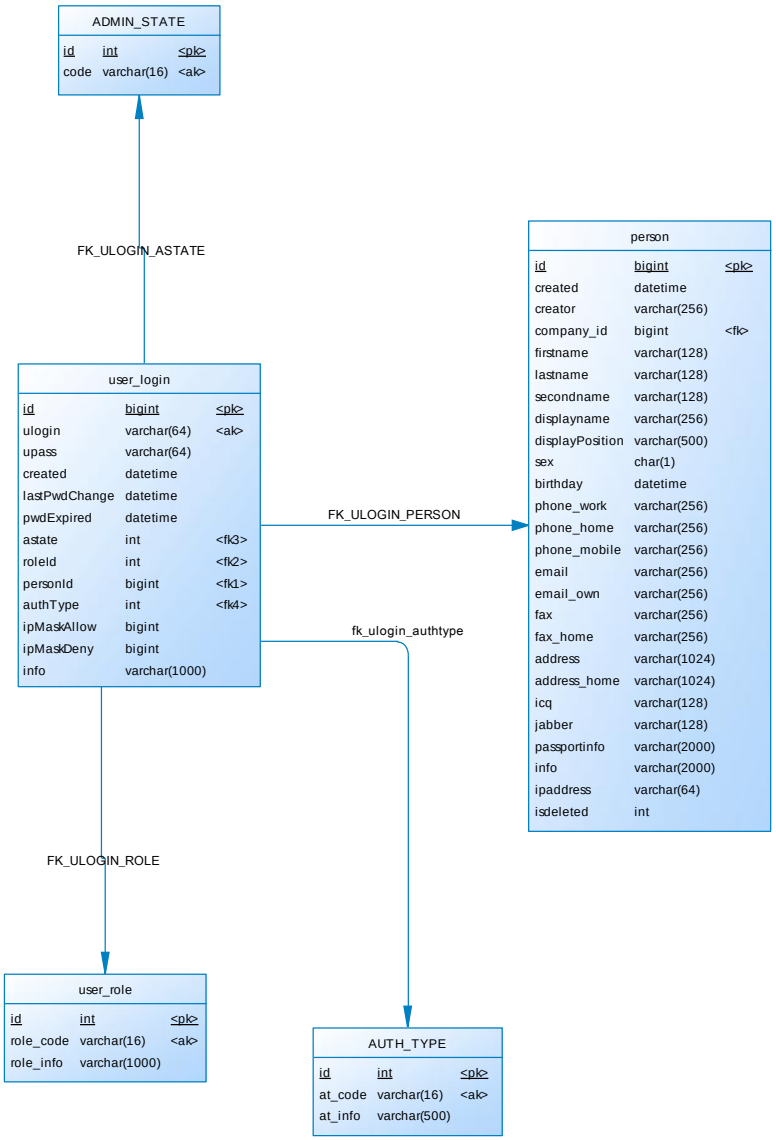
1.14 Diagram Person_company



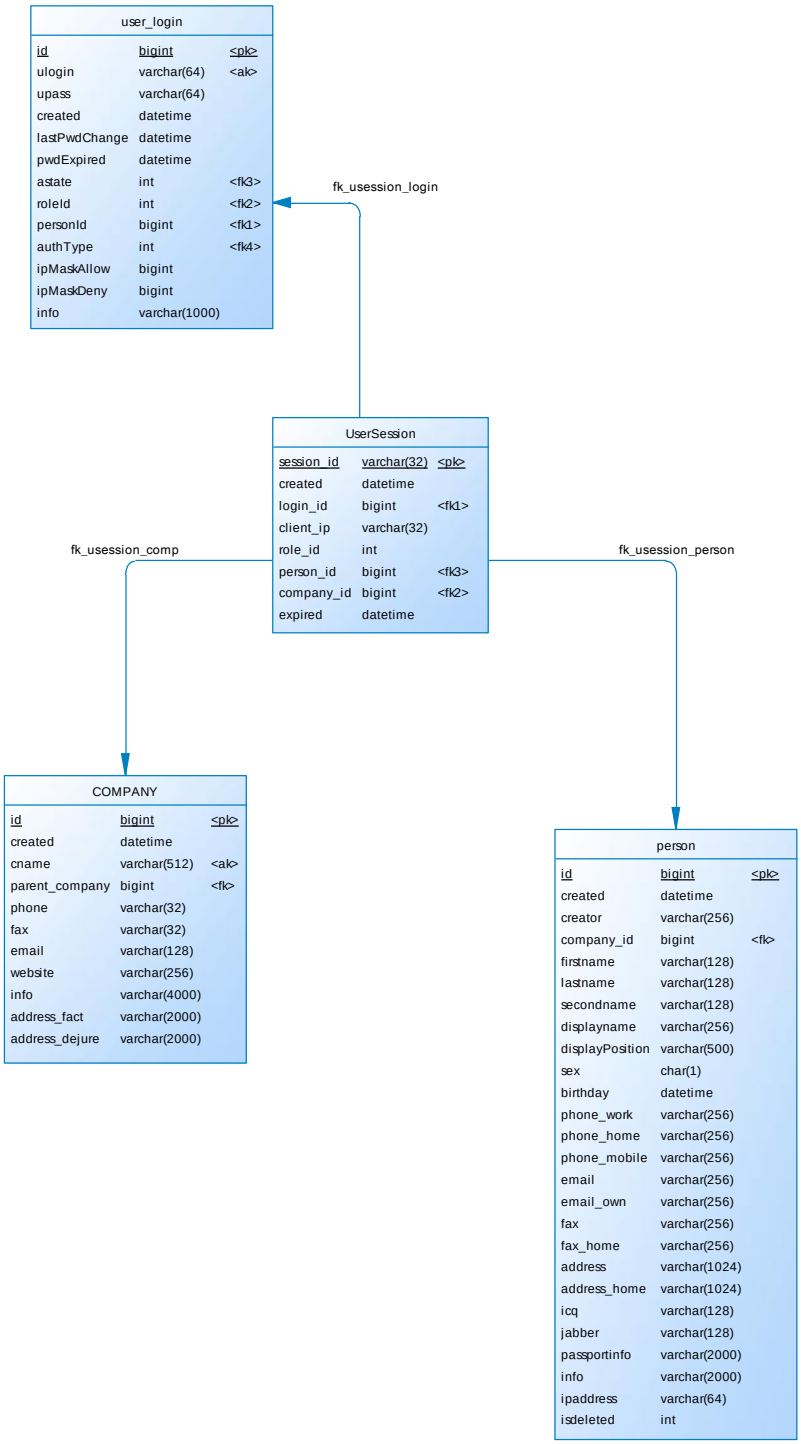
1.15 Diagram SystemConfiguration



1.16 Diagram UserLogin2



1.17 Diagram UserSession



2 List of tables

2.1 List of tables

Code	*Comment*
Absence_Reason	
ADMIN_STATE	Административное состояние (locked/unlocked)
ATTACHMENT	Вложения, которые используются на разных уровнях
AUTH_TYPE	Тип авторизации клиентов портала (LDAP, персональный пароль, etc)
CASE_ATTACHMENT	Список вложений CASE
CASE_COMMENT	Комментарии к CASE
CASE_COMMENT_REPLY	Список обратных ссылок для сборки ответов на определенный комментарий
CASE_DOC_TYPE	Типы документов для CASE
CASE_DOCUMENT	Документы для Case
CASE_EVENT	События для CASE
CASE_EVENT_TYPE	Типы событий для Case
CASE_OBJECT	Subj
CASE_REFS	Кросс-ссылки CASE друг на друга
CASE_STAGE	Этапы для CASE. Каждый этап - это группа из CASE (Этапы реализации заказа)
CASE_STAGE_TYPE	Словарь возможных этапов для CASE
CASE_STATE	Пополняемый словарь возможных статусов для CASE. Словарь содержит полный набор всех статусов, ограничение возможного набора в зависимости от типа происходит заполнением "Матрицы" (Case_state_matrix)
CASE_STATE_MATRIX	матрица определяющая возможные наборы статусов для каждого типа Case
CASE_TASK	Линейный список задач по каждому CASE
CASE_TERM	Различные сроки по Case (дедлайны)
CASE_TERM_TYPE	Типы сроков по Case
CASE_TIME_LOG	Журнал учета времени по задачам для Case
CASE_TYPE	Типы CASE
CASE_VROOM	Виртуальная комната для общения, позволяет создать определенную группу для разделения комментариев по темам
COMPANY	Компании
company_dep	Подразделения компании
department_type	Тип подразделения
DEV_UNIT	Элементы разработки : - компоненты (бывшие проекты .CPE.TK etc) - продукты
DEV_UNIT_ATT	Вложения для компоненты/продукта
DEV_UNIT_BRANCH	Ветка разработки
DEV_UNIT_CHILDREN	Дочерние элементы продукта/компоненты
DEV_UNIT_EVENT	
DEV_UNIT_EVENT_TYPE	
DEV_UNIT_MEMBER	Участники продукта/компоненты
DEV_UNIT_MROLE	
DEV_UNIT_STATE	
DEV_UNIT_TYPE	Тип единицы разработки (Текущий словарь из 2 элементов: компонента и продукт)
DEV_UNIT_VERSION	Версия
importance_level	Уровень важности для объектов системы (для CASE в частности)
person	Контакты, включая внутренних сотрудников компании
Person_Absence	
sys_config	Системная конфигурация
time_unit	Словарь едениц измерений для времени
user_login	логины для авторизации
user_role	Роль авторизации, каждой роли соответствует определенный набор прав
UserSession	
worker_entry	Кадровая запись, единица штатного расписания.

worker_position	Должности для сотрудников

3 Tables

3.1 Table Absence_Reason

3.1.1 List of columns of the table Absence_Reason

Code	Comment
id	
ar_code	
ar_info	

3.1.2 List of keys of the table Absence_Reason

Name	Code	Primary
Key_1	**Key_1**	**X**
uq_absencereason	**uq_absencereason**	

3.2 Table ADMIN_STATE

3.2.1 List of columns of the table ADMIN_STATE

Code	Comment
id	
code	

3.2.2 List of keys of the table ADMIN_STATE

Name	Code	Primary
Key_1	**Key_1**	**X**
Key_2	**Key_2**	

3.3 Table ATTACHMENT

3.3.1 List of columns of the table ATTACHMENT

Code	Comment
ID	
CREATED	
CREATOR	
AT_LABEL	
EXT_LINK	
DATA_MIMETYPE	
DATA_SIZE	
FILE_NAME	

3.3.2 List of keys of the table ATTACHMENT

Name	Code	Primary

Key_1	Key_1	X

3.3.3 List of indexes of the table ATTACHMENT

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_att_creator	ix_att_creator					

3.4 Table AUTH_TYPE

3.4.1 List of columns of the table AUTH_TYPE

Code	Comment
id	
at_code	
at_info	

3.4.2 List of keys of the table AUTH_TYPE

Name	Code	Primary
Key_1	Key_1	X
uq_auth_type	uq_auth_type	

3.5 Table CASE_ATTACHMENT

3.5.1 List of columns of the table CASE_ATTACHMENT

Code	Comment
ID	
CASE_ID	
ATT_ID	

3.5.2 List of keys of the table CASE_ATTACHMENT

Name	Code	Primary
PK_CASEATTACHMENT	PK_CASEATTACHMENT	X

3.5.3 List of indexes of the table CASE_ATTACHMENT

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
IX_CSATT	IX_CSATT					

3.6 Table CASE_COMMENT

3.6.1 List of columns of the table CASE_COMMENT

Code	Comment
ID	
CREATED	
CLIENT_IP	
CASE_ID	

AUTHOR_ID	
CSTATE_ID	
REPLY_TO	
VROOM	
COMMENT_TEXT	
OLD_ID	

3.6.2 List of keys of the table CASE_COMMENT

Name	Code	Primary
PK_CASE_COMMENT	PK_CASE_COMMENT	X

3.6.3 List of indexes of the table CASE_COMMENT

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_casecomment	ix_casecomment					
ix_casecomment_vr	ix_casecomment_vr					
ix_casecomment_ap	ix_casecomment_ap					

3.6.4 List of triggers of the table CASE_COMMENT

Name	Code
TRG_CASECOMMENT_FILL	TRG_CASECOMMENT_FILL

3.7 Table CASE_COMMENT_REPLY

3.7.1 List of columns of the table CASE_COMMENT_REPLY

Code	Comment
ID	
CASE_ID	
COMMENT_ID	
REPLY_ID	

3.7.2 List of keys of the table CASE_COMMENT_REPLY

Name	Code	Primary
Key_1	Key_1	X
UQ_CSCOMM_REPLY	UQ_CSCOMM_REPLY	

3.7.3 List of indexes of the table CASE_COMMENT_REPLY

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_cc_reply_src	ix_cc_reply_src					
ix_cc_reply	ix_cc_reply					

3.8 Table CASE_DOC_TYPE

3.8.1 List of columns of the table CASE_DOC_TYPE

Code	Comment
ID	
DT_CODE	
DT_INFO	
DT_LABEL	
DisplayOrder	

3.8.2 List of keys of the table CASE_DOC_TYPE

Name	Code	Primary
Key_1	Key_1	X
UQ_CASEDOCTYPE	UQ_CASEDOCTYPE	

3.9 Table CASE_DOCUMENT

3.9.1 List of columns of the table CASE_DOCUMENT

Code	Comment
ID	
CASE_ID	
CREATED	
DOC_TYPE	
REVISION	
AUTHOR	
DOC_BODY	
old_id	

3.9.2 List of keys of the table CASE_DOCUMENT

Name	Code	Primary
Key_1	Key_1	X
uq_case_doc	uq_case_doc	

3.9.3 List of indexes of the table CASE_DOCUMENT

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_case_document	ix_case_document					

3.10 Table CASE_EVENT

3.10.1 List of columns of the table CASE_EVENT

Code	Comment
id	

created	
case_id	
event_type	
case_state	
person_id	
executor_id	
work_time	
est_time	
attachment_id	
comment_id	
ref_case_id	
EventData	

3.10.2 List of keys of the table CASE_EVENT

Name	Code	Primary
Key_1	Key_1	X

3.10.3 List of indexes of the table CASE_EVENT

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_case_event	ix_case_event					
ix_case_event_dt	ix_case_event_dt					

3.11 Table CASE_EVENT_TYPE

3.11.1 List of columns of the table CASE_EVENT_TYPE

Code	Comment
ID	
EVENT_CODE	
EVENT_INFO	

3.11.2 List of keys of the table CASE_EVENT_TYPE

Name	Code	Primary
Key_1	Key_1	X
UQ_CSEVT_CODE	UQ_CSEVT_CODE	

3.12 Table CASE_OBJECT

3.12.1 List of columns of the table CASE_OBJECT

Code	Comment
ID	
CASE_TYPE	
CASENO	
CREATED	

MODIFIED	
CASE_NAME	
EXT_ID	
INFO	
STATE	
IMPORTANCE	
INITIATOR	
CREATOR	
CREATOR_IP	
MANAGER	
KEYWORDS	
ISLOCAL	
EMAILS	
creator_info	

3.12.2 List of keys of the table CASE_OBJECT

Name	Code	Primary
PK_WORKCASE	**PK_WORKCASE**	**X**
UQ_CASE	**UQ_CASE**	
UQ_CASE_EXTID	**UQ_CASE_EXTID**	

3.12.3 List of indexes of the table CASE_OBJECT

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_casename	**ix_casename**					
ix_case_kwords	**ix_case_kwords**					
ix_case_initiator	**ix_case_initiator**					
ix_case_creator	**ix_case_creator**					
ix_case_manager	**ix_case_manager**					

3.13 Table CASE_REFS

3.13.1 List of columns of the table CASE_REFS

Code	Comment
ID	
CASE_ID	
CASE_REF	
CASE_STAGE	

3.13.2 List of keys of the table CASE_REFS

Name	Code	Primary
PK_CASE_REFS	PK_CASE_REFS	X

3.13.3 List of indexes of the table CASE_REFS

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_cref_stage	ix_cref_stage					
ix_cref_cont	ix_cref_cont					

3.14 Table CASE_STAGE

3.14.1 List of columns of the table CASE_STAGE

Code	Comment
ID	
CREATED	
STAGE_TYPE	
CASE_ID	
CREATOR_ID	
STAGE_ORDER	
STAGE_NAME	

3.14.2 List of keys of the table CASE_STAGE

Name	Code	Primary
PK_CASE_STAGE	PK_CASE_STAGE	X
UQ_CASE_STAGE_ORDER	UQ_CASE_STAGE_ORDER	

3.14.3 List of indexes of the table CASE_STAGE

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
IX_CASE_STAGE_AUTHOR_ID	IX_CASE_STAGE_AUTHOR_ID					
IX_CASE_STAGE_CID	IX_CASE_STAGE_CID					

3.15 Table CASE_STAGE_TYPE

3.15.1 List of columns of the table CASE_STAGE_TYPE

Code	Comment
ID	
STAGE_TYPE	

3.15.2 List of keys of the table CASE_STAGE_TYPE

Name	Code	Primary
CASE_STAGE_TYPE_PK	CASE_STAGE_TYPE_PK	X

3.16 Table CASE_STATE

3.16.1 List of columns of the table CASE_STATE

Code	Comment
ID	
STATE	
INFO	

3.16.2 List of keys of the table CASE_STATE

Name	Code	Primary
PK_CASE_STATE	PK_CASE_STATE	X
UQ_CASE_STATE	UQ_CASE_STATE	

3.17 Table CASE_STATE_MATRIX

3.17.1 List of columns of the table CASE_STATE_MATRIX

Code	Comment
ID	
CASE_TYPE	
CASE_STATE	
view_order	
OLD_ID	
OLD_CODE	
info	

3.17.2 List of keys of the table CASE_STATE_MATRIX

Name	Code	Primary
Key_1	Key_1	X
uq_cstate_matrix	uq_cstate_matrix	

3.18 Table CASE_TASK

3.18.1 List of columns of the table CASE_TASK

Code	Comment
ID	
CREATED	
CASE_ID	
TASK_INFO	
TIME_UNIT	Основная единица времени для отображения
EST_PERSON_ID	Сотрудник, который выставил оценку по трудозатратам
EST_TIME	Оценочное время
STARTED	Дата и время начала работ над задачей,

	выставляется один раз
COMPLETED	Дата завершения задачи
WORKER_ID	Назначенный основной исполнитель задачи, может отсутствовать, используется только как информационный атрибут
WORKTIME	Полное время работы над задачей (аггрегированное значение)
remain_time	

3.18.2 List of keys of the table CASE_TASK

Name	Code	Primary
PK_CASE_TASK	PK_CASE_TASK	X

3.18.3 List of indexes of the table CASE_TASK

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
IX_CASE_TASK	IX_CASE_TASK					
IX_CASE_TASK_WORKER	IX_CASE_TASK_WORKER					

3.19 Table CASE_TERM

3.19.1 List of columns of the table CASE_TERM

Code	Comment
ID	
CASE_ID	
CREATED	
CREATOR_ID	
TERM_TYPE	
TORDER	
END_TIME	
TLABEL	
STAGE_ID	
old_id	

3.19.2 List of keys of the table CASE_TERM

Name	Code	Primary
Key_1	Key_1	X

3.19.3 List of indexes of the table CASE_TERM

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_case_term	ix_case_term					

3.20 Table CASE_TERM_TYPE

3.20.1 List of columns of the table CASE_TERM_TYPE

Code	Comment
ID	
TERM_CODE	
TERM_INFO	

3.20.2 List of keys of the table CASE_TERM_TYPE

Name	Code	Primary
Key_1	Key_1	X
UQ_CASE_TERM_CODE	UQ_CASE_TERM_CODE	

3.21 Table CASE_TIME_LOG

3.21.1 List of columns of the table CASE_TIME_LOG

Code	Comment
ID	
CREATED	
CASE_ID	
TASK_ID	
PERSON_ID	Сотрудник, для которого сформирована запись, это его учтенное время
FROM_TIME	опциональное время начала отчетного периода
TILL_TIME	опциональное время завершения отчетного периода
WORK_TIME	Учтенное время
INFO	

3.21.2 List of keys of the table CASE_TIME_LOG

Name	Code	Primary
Key_1	Key_1	X

3.21.3 List of indexes of the table CASE_TIME_LOG

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_ctime_person	ix_ctime_person					
ix_ctime_case	ix_ctime_case					
ix_ctime_task	ix_ctime_task					

3.22 Table CASE_TYPE

3.22.1 List of columns of the table CASE_TYPE

Code	Comment
ID	
CT_CODE	
CT_INFO	

3.22.2 List of keys of the table CASE_TYPE

Name	Code	Primary
PK_CASE_TYPE	PK_CASE_TYPE	X
UQ_CASE_TYPE	UQ_CASE_TYPE	

3.23 Table CASE_VROOM

3.23.1 List of columns of the table CASE_VROOM

Code	Comment
ID	
created	
CASE_ID	
VR_NAME	

3.23.2 List of keys of the table CASE_VROOM

Name	Code	Primary
Key_1	Key_1	X

3.23.3 List of indexes of the table CASE_VROOM

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_case_vroom	ix_case_vroom					

3.24 Table COMPANY

3.24.1 List of columns of the table COMPANY

Code	Comment
id	
created	
cname	
parent_company	
phone	
fax	
email	
website	
info	
address_fact	
address_dejure	

3.24.2 List of keys of the table COMPANY

Name	Code	Primary
PK_COMPANY	PK_COMPANY	X
UQ_COMPANY	UQ_COMPANY	

3.25 Table company_dep

3.25.1 List of columns of the table company_dep

Code	Comment
id	
company_id	
created	
depTypeId	
dep_name	
dep_info	

3.25.2 List of keys of the table company_dep

Name	Code	Primary
Key_1	Key_1	X
Key_2	Key_2	

3.26 Table department_type

3.26.1 List of columns of the table department_type

Code	Comment
id	
name	
info	

3.26.2 List of keys of the table department_type

Name	Code	Primary
Key_1	Key_1	X
Key_2	Key_2	

3.27 Table DEV_UNIT

3.27.1 List of columns of the table DEV_UNIT

Code	Comment
ID	
UTYPE_ID	
CREATED	
UNIT_NAME	
UNIT_INFO	
LAST_UPDATE	
CREATOR_ID	

UNIT_STATE	
old_id	

3.27.2 List of keys of the table DEV_UNIT

Name	Code	Primary
PK_DEV_COMPONENT	PK_DEV_COMPONENT	X
UQ_DEVCOMP_NAME	UQ_DEVCOMP_NAME	

3.27.3 List of indexes of the table DEV_UNIT

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_devcomp_creator	ix_devcomp_creator					

3.28 Table DEV_UNIT_ATT

3.28.1 List of columns of the table DEV_UNIT_ATT

Code	Comment
ID	
DEVUNIT_ID	
ATT_ID	

3.28.2 List of keys of the table DEV_UNIT_ATT

Name	Code	Primary
Key_1	Key_1	X

3.28.3 List of indexes of the table DEV_UNIT_ATT

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_devcomp_att	ix_devcomp_att					

3.29 Table DEV_UNIT_BRANCH

3.29.1 List of columns of the table DEV_UNIT_BRANCH

Code	Comment
ID	
UNIT_ID	
CREATED	
CREATOR	
BRANCH_NAME	
BRANCH_INFO	
CURR_VERSION	
LAST_UPDATE	

3.29.2 List of keys of the table DEV_UNIT_BRANCH

Name	Code	Primary
Key_1	Key_1	X
UQ_DEVCOMP_BRANCH	UQ_DEVCOMP_BRANCH	

3.29.3 List of indexes of the table DEV_UNIT_BRANCH

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_dcombr_creator	ix_dcombr_creator					
ix_dcombr	ix_dcombr					

3.30 Table DEV_UNIT_CHILDREN

3.30.1 List of columns of the table DEV_UNIT_CHILDREN

Code	Comment
ID	
DUNIT_ID	
CHILD_ID	

3.30.2 List of keys of the table DEV_UNIT_CHILDREN

Name	Code	Primary
Key_1	Key_1	X

3.30.3 List of indexes of the table DEV_UNIT_CHILDREN

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_devunit_cont	ix_devunit_cont					
ix_devunit_child	ix_devunit_child					

3.31 Table DEV_UNIT_EVENT

3.31.1 List of columns of the table DEV_UNIT_EVENT

Code	Comment
ID	
CREATED	
UNIT_ID	
INITIATOR_ID	
EVENT_TYPE	
UNIT_STATE	
UNIT_NAME	
BRANCH_ID	
VERSION_ID	

CHILD_ID	
CONT_ID	
MEMBER_ID	
MEMBER_ROLE	
EventData	

3.31.2 List of keys of the table DEV_UNIT_EVENT

Name	Code	Primary
Key_1	Key_1	X

3.31.3 List of indexes of the table DEV_UNIT_EVENT

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_devunit_event	ix_devunit_event					

3.32 Table DEV_UNIT_EVENT_TYPE

3.32.1 List of columns of the table DEV_UNIT_EVENT_TYPE

Code	Comment
ID	
EVT_CODE	
EVT_INFO	

3.32.2 List of keys of the table DEV_UNIT_EVENT_TYPE

Name	Code	Primary
Key_1	Key_1	X
UQ_DU_EVT_CODE	UQ_DU_EVT_CODE	

3.33 Table DEV_UNIT_MEMBER

3.33.1 List of columns of the table DEV_UNIT_MEMBER

Code	Comment
ID	
UNIT_ID	
MEMBER_ID	
MEMBER_ROLE	

3.33.2 List of keys of the table DEV_UNIT_MEMBER

Name	Code	Primary
Key_1	Key_1	X
uq_devunit_member	uq_devunit_member	

3.34 Table DEV_UNIT_MROLE

3.34.1 List of columns of the table DEV_UNIT_MROLE

Code	Comment
ID	
UROLE_CODE	
UROLE_INFO	

3.34.2 List of keys of the table DEV_UNIT_MROLE

Name	Code	Primary
Key_1	Key_1	X
UQ_DUNIT_MROLE	UQ_DUNIT_MROLE	

3.35 Table DEV_UNIT_STATE

3.35.1 List of columns of the table DEV_UNIT_STATE

Code	Comment
ID	
UST_CODE	
UST_INFO	

3.35.2 List of keys of the table DEV_UNIT_STATE

Name	Code	Primary
Key_1	Key_1	X
UQ_DEVUNIT_STATE	UQ_DEVUNIT_STATE	

3.36 Table DEV_UNIT_TYPE

3.36.1 List of columns of the table DEV_UNIT_TYPE

Code	Comment
ID	
UNIT_TYPE	
UNIT_INFO	

3.36.2 List of keys of the table DEV_UNIT_TYPE

Name	Code	Primary
Key_1	Key_1	X
Key_2	Key_2	

3.37 Table DEV_UNIT_VERSION

3.37.1 List of columns of the table DEV_UNIT_VERSION

Code	Comment
ID	
CREATED	
CREATOR	
UNIT_ID	

BRANCH_ID	
VERSION	
VERSION_INFO	

3.37.2 List of keys of the table DEV_UNIT_VERSION

Name	Code	Primary
Key_1	**Key_1**	**X**

3.37.3 List of indexes of the table DEV_UNIT_VERSION

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_devcomp_vr_crt	**ix_devcomp_vr_crt**					
ix_devcomp_ver	**ix_devcomp_ver**					

3.38 Table importance_level

3.38.1 List of columns of the table importance_level

Code	Comment
id	
code	
info	

3.38.2 List of keys of the table importance_level

Name	Code	Primary
PK_IMPOTANCE_LEVEL	**PK_IMPOTANCE_LEVEL**	**X**
UQ_IMPOTANCE_LEVEL	**UQ_IMPOTANCE_LEVEL**	

3.39 Table person

3.39.1 List of columns of the table person

Code	Comment
id	
created	
creator	
company_id	
firstname	
lastname	
secondname	
displayname	
displayPosition	
sex	
birthday	
phone_work	

phone_home	
phone_mobile	
email	
email_own	
fax	
fax_home	
address	
address_home	
icq	
jabber	
passportinfo	
info	
ipaddress	
isdeleted	

3.39.2 List of keys of the table person

Name	Code	Primary
PK_PERSON	**PK_PERSON**	**X**

3.39.3 List of indexes of the table person

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_person_dname	**ix_person_dname**					
ix_person_company	**ix_person_company**					

3.40 Table Person_Absence

3.40.1 List of columns of the table Person_Absence

Code	Comment
id	
created	
person_id	
reason_id	
from_time	
till_time	
user_comment	

3.40.2 List of keys of the table Person_Absence

Name	Code	Primary
Key_1	**Key_1**	**X**

3.41 Table sys_config

3.41.1 List of columns of the table sys_config

Code	Comment
id	
ownCompanyId	Идентификатор компании-владельца базы портал. Сотрудники этой компании имеют право получать доступ к основным ресурсам сервера

3.41.2 List of keys of the table sys_config

Name	Code	Primary
Key_1	Key_1	X

3.42 Table time_unit

3.42.1 List of columns of the table time_unit

Code	Comment
id	
unit_code	
unit_name	
minutes	

3.42.2 List of keys of the table time_unit

Name	Code	Primary
PK_TIME_UNIT	PK_TIME_UNIT	X
uq_timeunit_name	uq_timeunit_name	
uq_timeunit	uq_timeunit	

3.42.3 List of indexes of the table time_unit

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
PK_TIME_UNIT	PK_TIME_UNIT					

3.43 Table user_login

3.43.1 List of columns of the table user_login

Code	Comment
id	
ulogin	
upass	
created	
lastPwdChange	
pwdExpired	
astate	

roleId	
personId	
authType	
ipMaskAllow	
ipMaskDeny	
info	

3.43.2 List of keys of the table user_login

Name	Code	Primary
Key_1	Key_1	X
Key_2	Key_2	

3.43.3 List of indexes of the table user_login

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_ulogin_person	ix_ulogin_person					

3.44 Table user_role

3.44.1 List of columns of the table user_role

Code	Comment
id	
role_code	
role_info	

3.44.2 List of keys of the table user_role

Name	Code	Primary
Key_1	Key_1	X
Key_2	Key_2	

3.45 Table UserSession

3.45.1 List of columns of the table UserSession

Code	Comment
session_id	
created	
login_id	
client_ip	
role_id	
person_id	
company_id	
expired	

3.45.2 List of keys of the table UserSession

Name	Code	Primary
Key_1	Key_1	X

3.45.3 List of indexes of the table UserSession

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_usession_login	ix_usession_login					

3.46 Table worker_entry

3.46.1 List of columns of the table worker_entry

Code	Comment
id	
created	
personId	
dep_id	
companyId	
positionId	
hireDate	
fireDate	
hireOrderNo	
fireOrderNo	
active	

3.46.2 List of keys of the table worker_entry

Name	Code	Primary
Key_1	Key_1	X

3.46.3 List of indexes of the table worker_entry

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ix_worker_entry	ix_worker_entry					
ix_worker_comp	ix_worker_comp					
ix_worker_pos	ix_worker_pos					

3.47 Table worker_position

3.47.1 List of columns of the table worker_position

Code	Comment
id	
pos_code	

pos_name	
pos_extId	

3.47.2 List of keys of the table worker_position

Name	Code	Primary
PK_WORKER_POSITION	**PK_WORKER_POSITION**	**X**
Key_2	**Key_2**	