病友圈

圈子主表（圈子的id，圈子的名称，基本介绍，患友数，专家数，话题数，版主id）

circle ( circle\_id, circle\_name, circle\_intro, circle\_suffer\_number, circle\_expert\_number, circle\_topic\_number, circle\_owner\_id)

分区主表（分区的id，分区的名称）

partition ( partition\_id, partition\_name)

话题主表（话题id，分区id，圈子id，话题标题，发表日期，浏览数，回复数，话题内容，版主的id）

topic ( topic\_id, partition\_id, circle\_id, topic\_title, topic\_date, topic\_views, topic\_reply\_number, topic\_content, topic\_owner\_id)

患者主表（用户id，username，等级，身份，性别，年龄，其他信息，粉丝数）

patient ( patient\_id, patient\_username, patient\_level, patient\_iden, patient\_age, patient\_other, patient\_fan\_number)

疾病用户联合表（疾病id，用户id）

illness\_user (illness\_id, patient\_id)

回复主表（回复id，话题id，用户id，回复内容，回复时间，跟贴id，跟贴用户id，跟贴内容，跟贴时间）

reply(reply\_id, topic\_id, patient\_id, reply\_content, reply\_time, reply\_follow\_patient\_id, reply\_follow\_content, reply\_follow\_date)

疾病主表（疾病id，所在圈子id，疾病名称，患友数，医生数，话题数）

illness(illness\_id, circle\_id, illness\_name, illness\_patient\_numbser, illness\_doctor\_number, illness\_topic\_number)

专家主表（专家id，关注数，粉丝数，职位，介绍，圈子数）

expert(expert\_id, expert\_star\_number, expert\_follow\_number, expert\_position, expert\_intro, expert\_circle\_number)

专家擅长的疾病（专家id，擅长疾病id）

expert\_illness (expert\_id, illness\_id)

专家所在圈子（专家id，所在圈子id）

expert\_circle ( expert\_id, circle\_id)

家庭医生

科室主表（科室id，科室名称）

department ( department\_id, department\_name )

医生主表（医生id，医生姓名，医生职称，所在单位，擅长，简介，荣誉，综合评分，包周价钱，包月价钱，医术高明数，耐心细致数，妙手回春数，yishu一班数，非常满意数，专业数，很有帮助数，不够详细数，累计签约家庭数，累计帮助用户数，科室id）

family\_doctor(f\_doctor\_id, f\_doctor\_name, f\_doctor\_position, f\_doctor\_hospital, f\_doctor\_skilled，f\_doctor\_intro, f\_doctor\_honor, f\_doctor\_all\_score, f­\_doctor\_week, f\_doctor\_month, f\_doctor\_A, f\_doctor\_B，f\_doctor\_C, f\_doctor\_D, f\_doctor\_E, f\_doctor\_F, f\_doctor\_G, f\_doctor\_H, f\_doctor\_I, f\_doctor\_family\_number, f\_doctor\_patient\_number, department\_id)

评价表（评价id，患者id，医生id，评价时间，评分，评价内容）

evaluate(evaluate\_id, patient\_id, f\_doctor\_id, evaluate\_date, evaluate\_score, evaluate\_content)

购买记录表（购买记录id，医生id，患者名称，服务类型，购买数量，价格，成交日期）

family\_doctor\_sell (f\_sell\_id, f\_doctor\_id, patient\_name, f\_sell\_type, f\_sell\_price, f\_sell\_date)

药品信息

药品主表（药品id，药品名称，批准文号，生产企业，功能主治，用法用量，相关疾病，通用名称，不良反应，禁忌，注意事项，成分，药物相互作用，用前咨询数，用后评价数，是否处方药，是否中成药，是否医保，是否国产）

medicine(medicine\_id, medicine\_name, medicine\_license\_number, medicine\_madeby, medicine\_attending, medicine\_usage, medicine\_related\_illness, medicine\_general\_name, medicine\_adr, medicine\_avoid, medicine\_notice, medicine\_component, medicine\_interactions, medicine\_consult\_number, medicine\_evaluate\_number, medicine\_prescribed, medicine\_chinese, medicine\_insurance, medicine\_made\_in\_china)

疾病表（疾病id，疾病名称，药品数）

m\_illness (m\_illness\_id, m\_illness\_name, m\_illness\_number)

药瓶疾病联合表（药品id，疾病id）

medicine\_illness(m\_illness\_id, medicine\_id)

用后评价（评价id，药品id，评价星级，评价内容，医生诊断疾病，用户所在地区，评价时间，有问必答部分的id）

m\_evaluate(m\_evaluate\_id, medicine\_id, m\_evaluate\_level, m\_evaluate\_content, m\_evaluate\_illness, m\_evaluate\_location, m\_evaluate\_date, 帖子id)

用前咨询（咨询id，username，药瓶id，咨询内容，回复内容，回复者name，回复者职称，有问必答部分的id）

m\_consult( m\_consult\_id, m\_consult\_name, medicine\_id, m\_consult\_content, m\_consult\_reply\_content, m\_consult\_reply\_name, m\_consult\_reply\_title, 帖子id)

医平台

话题主表（话题id，标题，内容，回复数，点赞数，发帖者id（url），浏览数，关注话题数，话题，发帖者类型，话题发表时间）

y\_topic ( y\_topic\_id, y\_topic\_title, y\_topic\_reply\_number, y\_topic\_like\_number, y\_topic\_owner\_url, y\_topic\_view\_number, y\_topic\_follow\_number, y\_topic\_type, y\_topic\_owner\_type, y\_topic\_date)

回复主表（回复id，话题id，医生id，回复内容，被赞数，回复时间，跟贴内容，跟贴医生id，跟贴时间）

y\_reply (y\_reply\_id, y\_topic\_id, y\_doctor\_id, y\_reply\_content, y\_reply\_like\_number, y\_reply\_date, y\_reply\_follow\_content, y\_reply\_follow\_doctor\_id, y\_reply\_follow\_date)

医生主表（医生id，医生url，医生姓名，职称，科室，经验等级，最佳回复，帮助的用户，信誉值，用户感谢，粉丝用户，擅长疾病，所在医院，个人简介）

y\_doctor (y\_doctor\_id, y\_doctor\_url, y\_doctor\_name, y\_doctor\_title, y\_doctor\_department, y\_doctor\_experience\_level, y\_doctor\_best\_reply, y\_doctor\_help\_patients, y\_doctor\_reputation, y\_doctor\_thanks, y\_doctor\_fan\_number, y\_doctor\_excel, y\_doctor\_hospital, y\_doctor\_intro)

有问必答\*\*\*

问答贴主表（帖子id，科室id1，科室id2，发帖者id，发帖者性别，发帖者年龄，发帖时间，发帖内容，回复数）

a\_topic ( a\_topic\_id, department\_id\_1,department\_id\_2, a\_topic\_owner\_id, a\_topic\_owner\_sex, a\_topic\_owner\_age, a\_topic\_date, a\_topic\_content, a\_topic\_reply\_number)

回复表（回复id，帖子id，回复时间，回复者id（有可能不是医生），回复内容，有用数，回复是否被采纳，跟贴内容，跟贴用户id，跟贴时间）

a\_reply(a\_reply\_id, a\_topic\_id, a\_reply\_date, a\_reply\_owner\_id, a\_reply\_content, a\_reply\_help\_number, a\_reply\_adopt, a\_reply\_follow\_content, a\_reply\_follow\_owner\_id, a\_reply\_follow\_date)

医生表（医生id，医生url，医生类型，关注数，动态数，粉丝1数，粉丝2数）

a\_doctor( a\_doctor\_id, a\_doctor\_url, a\_doctor\_type, a\_doctor\_follow\_number, a\_doctor\_news\_number, a\_doctor\_fan\_number\_1, a\_doctor\_fan\_number\_2)

专家频道

医院主表（医院id，医院名字，医院介绍，医院地址, 医院电话，图文咨询在线专家数，可预约挂号专家数，成功预约人次，科室数，专家数）

hospital( hospital\_id, hospital\_name, hospital\_intro, hospital\_address, hospital\_phone, hospital\_image\_online\_number, hospital\_register\_number, hospital\_appointment, hospital\_department\_number, hospital\_expert\_number)

科室表（科室id，医院id，是否重点科室，医生数，图文咨询，可预约挂号专家数，成功预约挂号数，可电话咨询专家数，成功电话咨询数）

e\_department(e\_department\_id, hospital\_id, e\_department\_key, e\_edepartment\_doc\_number, e\_department\_image, e\_department\_register\_number, e\_department\_appointment\_number, e\_department\_phone\_consult\_number, e\_department\_phone\_consult\_success\_number)

疾病主表（疾病id，疾病名称）

e\_illness( e\_illness\_id, e\_illness\_name)

疾病医生人数（疾病id，科室id，医院id，医生人数）

e\_illness\_doctor( e\_illness\_id, e\_department\_id, e\_hospital\_id, e\_illness\_doctor\_number)

专家主表（专家id，专家姓名，专家职称，医院，所在科室，擅长，执业经历，疗效满意度，态度满意度，个人网站url，咨询范围，成功预约人数，总访问量，总文章，总咨询，好评，就医经验，上次在线，开通时间，已回复咨询数，预约门诊成功数，已获得投票数，电话咨询详情，电话咨询帮助患者数，图文咨询详情，图文资讯帮助患者数，预约加号详情，预约加号帮助患者数，专家门诊时间，电话咨询价钱）

e\_expert (e\_expert\_id, e\_expert\_name, e\_expert\_title, e\_expert\_hospital, e\_expert\_department, e\_expert\_excel, e\_expert\_experience, e\_expert\_curative\_level, e\_expert\_attitude\_level, e\_expert\_url, e\_expert\_consult\_scope, e\_expert\_appointment, e\_expert\_visits, e\_expert\_article\_number, e\_expert\_consult\_number, e\_expert\_praise, e\_expert\_exp, e\_expert\_last\_online\_time, e\_expert\_join\_time, e\_expert\_reply\_number, e\_expert\_appointment\_success\_number, e\_expert\_vote\_number, e\_expert\_phone\_consult\_details, e\_expert\_phone\_consult\_help, e\_expert\_image\_consult, e\_expert\_image\_consult\_help, e\_expert\_add\_appointment, e\_expert\_add\_appoinment\_number, e\_expert\_time, e\_expert\_phone\_consult\_price)

投票表（投票id，医生id，疾病名称，票数）

e\_vote(e\_vote\_id, e\_expert\_id, e\_vote\_illness\_name, e\_vote\_number)

咨询主表（咨询id，咨询者id，医生id，所患疾病，病情描述，曾经治疗情况和效果，想得到怎样的帮助，咨询时间，问题分析，意见建议，回复时间，推荐数，不推荐数）

e\_consult(e\_consult\_id, e\_consult\_owner\_id, e\_expert\_id, e\_consult\_illness, e\_consult\_illness\_detail, e\_consult\_previous, e\_consult\_want\_help, e\_consult\_date, e\_consult\_analysis, e\_consult\_suggest, e\_consult\_reply\_date, e\_consult\_like\_number, e\_consult\_dislike\_number)

回复表（回复id，咨询id，回复内容，回复时间，回复用户id）

e\_reply( e\_reply\_id, e\_consult\_id, e\_reply\_content, e\_reply\_date, e\_reply\_owner\_id)

文章主表（文章id，作者，发表时间，文章内容，阅读数，推荐数，不推荐数）

e\_article (e\_article\_id, e\_expert\_id, e\_article\_date, e\_article\_content, e\_article\_read, e\_article\_like, e\_article\_dislike)

文章标签（文章标签id，文章标签名字）

e\_tag(e\_ tag\_id, e \_tag\_name);

文章-标签（文章id，标签id）

e\_article\_tag(e\_article\_id, e\_tag\_id);

预约（专家id，疾病就诊范围，患者地区限制，患者就诊要求）

e\_appointment (e\_expert\_id, e\_appointment\_range， e\_appointment\_region, e\_appointment\_require)

预约订单（订单id，所在省市，专家id，所患疾病，预约门诊时间，门诊类型）

e\_order (e\_order\_id, e\_order\_location, e\_expert\_id, e\_order\_illness, e\_order\_time, e\_order\_type)

--- 电话咨询（电话咨询的url里面包含了专家的id）

电话咨询订单（订单id，专家id， 患者id，疾病，订单详情）

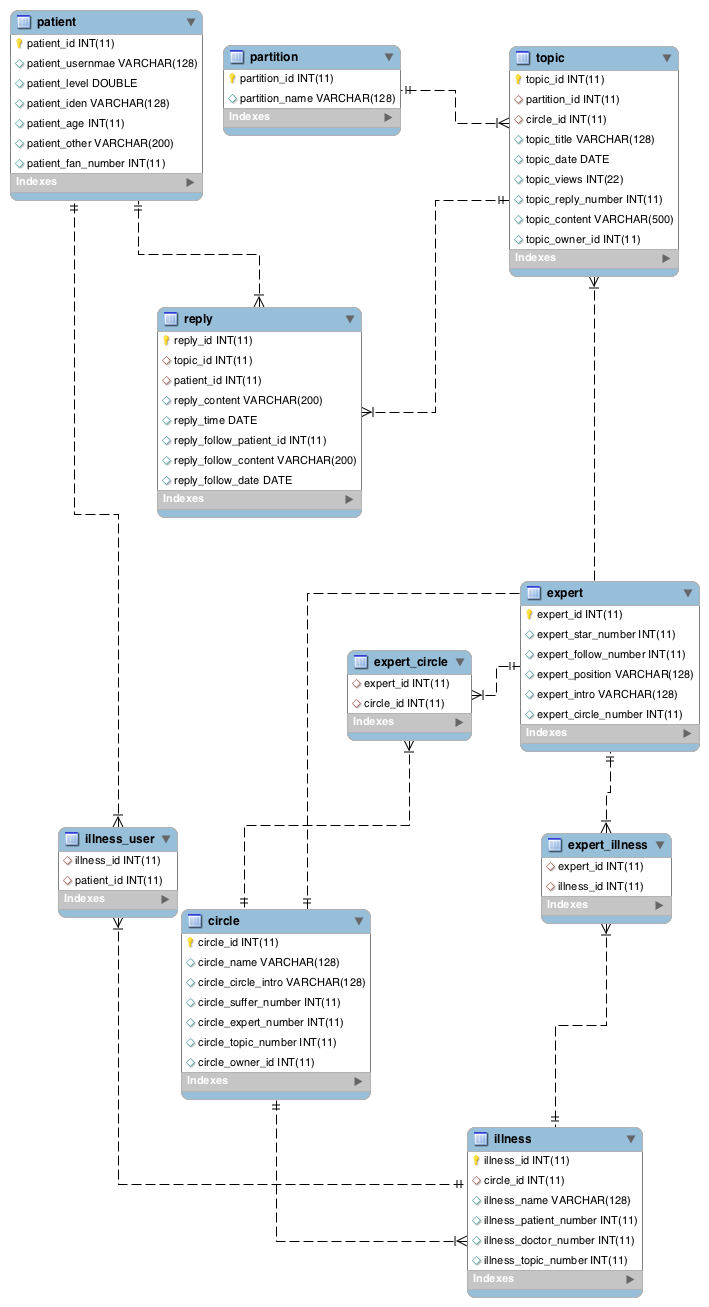
e\_phone\_consult\_order( e\_phone\_consult\_order\_id, e\_expert\_id, e\_phone\_consult\_order\_patient\_id, e\_phone\_consult\_order\_details)

就医经验（就医经验id，专家id，患者id，患者地区，疾病，疗效，态度，评价时间，评价详情，推荐数）

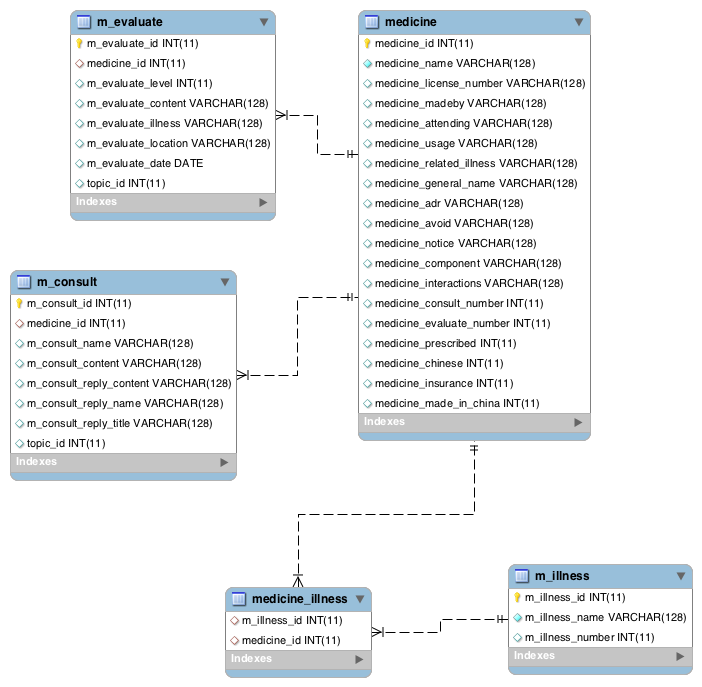
e\_experience( e\_experience\_id, e\_expert\_id, e\_experience\_patient\_id, e\_experience\_region, e\_experience\_illness, e\_experience\_effect, e\_experience\_attitude, e\_experience\_date, e\_experience\_content, e\_experience\_like\_number)

ER图

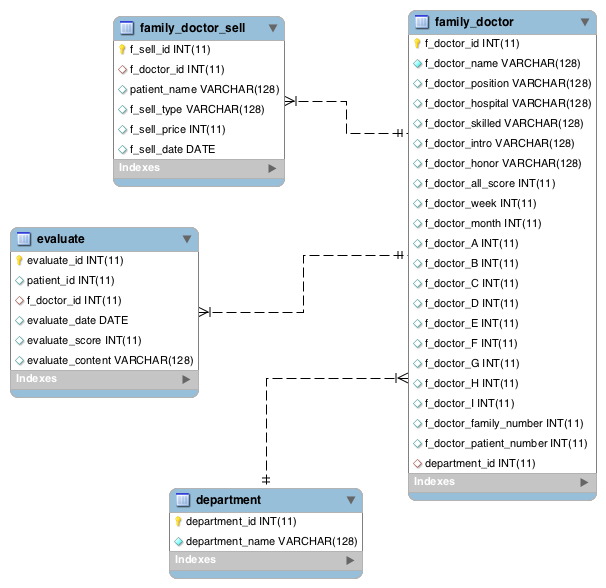
病友圈



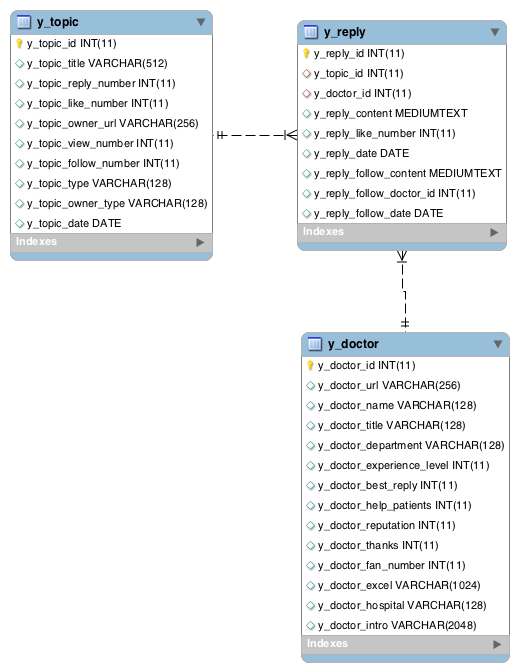
药品信息



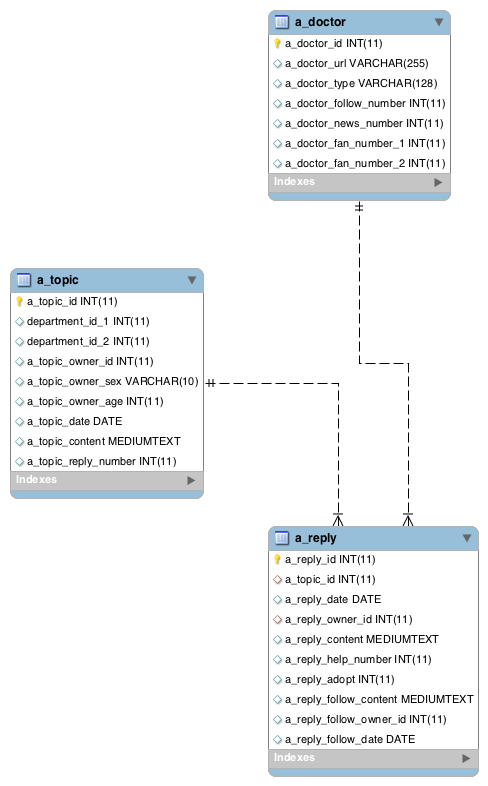
家庭医生



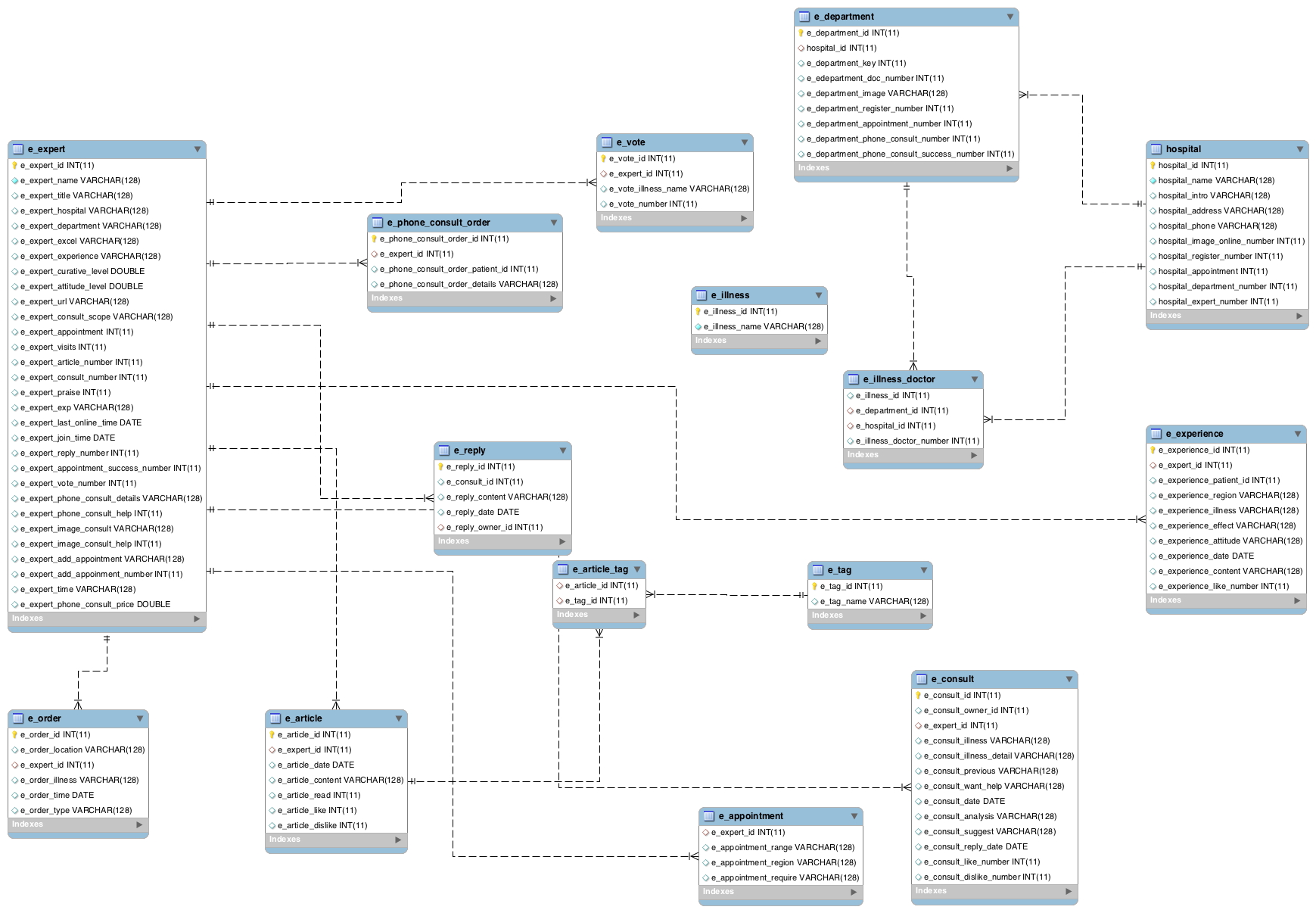
医平台



有问必答



专家频道



另外：需要修改的几个地方

1. 这样建表是将六个不同的板块分隔开来，将他们放到不同的库里面；实际上，可能会出现跨库外键的情况，所以还得将他们都放到同一个数据库里；
2. 王利安师兄说的单独更新的几个表还没有弄好；
3. 医生的种类区分、医生照片的爬取以及表的分割和更新频率需要进一步完善。
4. 具体建表的sql语句在 <https://github.com/yingjieyao/xywy-spider>

时间仓促，设计不周的地方随时联系。(姚英杰：yyjhit@sina.com)