```
create table profili
  (statg       smallint  not null,
   sifprof     char(5)   not null,
   nazivprof   char(35)  not null ,
   primary key (statg, sifprof));

create table plans
  (statg       smallint  not null,
   sifprof     char(5)   not null,
   sifpred     char(5)   not null,
   nazivpred   char(40)  not null ,
   opispred    char(150) not null ,
   semslus1    smallint  not null ,
   semslus2    smallint  not null ,
   caspred     smallint  not null ,
   casvez      smallint  not null ,
   primary key (statg, sifprof, sifpred),
   foreign key (statg, sifprof)
            references profili (statg, sifprof) on
delete restrict);

create table preduslov
  (statg       smallint  not null,
   sifprof     char(5)   not null,
   sifpred     char(5)   not null,
   sifpuslov   char(5)   not null,
   primary key (statg, sifprof, sifpred, sifpuslov),
   foreign key (statg, sifprof, sifpred)
            references plans (statg, sifprof, sifpred)
on delete restrict);

create table nastava
  (jmbg        char(13) not null,
   god         smallint not null,
   sifpred     char(5)  not null,
   nazivpred   char(40) not null ,
   sifprof     char(5)  not null ,
   primary key (jmbg, god, sifpred),
   foreign key (jmbg)
 references nastavnici (jmbg)  on delete restrict);

create table aktuelno
  (irgod       smallint not null,
   rok         char(3)  not null,
   online      smallint not null,
   primary key (irgod, rok));

create table upisgod
  (indeks      smallint not null,
   god         smallint not null,
   godstud     smallint not null,
   put         smallint not null,
   udan        smallint not null ,
   umesec      smallint not null ,
   ugod        smallint not null ,
   primary key (indeks, god, godstud,put),
   foreign key (indeks,god)
            references dosije (indeks,god) on
delete restrict);

create table prijavio
  (indeks      smallint not null,
   god         smallint not null,
   sifpred     char(5)  not null,
   rok         char(3)  not null,
   irgod       smallint not null,
   nastavnik   char(40) not null ,
   priput      smallint not null,
   primary key (indeks, god, sifpred, rok, irgod,
priput),
   foreign key (indeks,god)
            references dosije (indeks,god) on
delete restrict);

create table prijavljeni
  (rbr         smallint not null,
   ime         char(20) not null ,
   prezime     char(20) not null ,
   roditelj    char(20) not null ,
   jmbg        char(13) not null ,
   rdan        smallint not null ,
   rmesec      smallint not null ,
   rgod        smallint not null ,
   rmesto      char(15) not null ,
   adresa      char(40) not null ,
   sifprof1    char(5)  not null ,
   sifprof2    char(5)  not null ,
   sifprof3    char(5)  not null ,
   prijemni    smallint not null ,
   ukupno      real not null ,
   primary key (rbr));

create table dosije
  (indeks      smallint not null,
   dan         smallint not null ,
   mesec       smallint not null ,
   god         smallint not null,
   ime         char(20) not null ,
   prezime     char(20) not null ,
   roditelj    char(20) not null ,
   jmbg        char(13) not null ,
   rdan        smallint not null ,
   rmesec      smallint not null ,
   rgod        smallint not null ,
   rmesto      char(15) not null ,
   adresa      char(40) not null ,
   statg       smallint not null ,
   sifprof     char(5)  not null ,
   naziv_dipl  char(50) not null ,
   ddan        smallint not null ,
   dmesec      smallint not null ,
   dgod        smallint not null ,
   prosek      real     not null ,
   status      char(10) not null ,
   email       char(50) not null ,
   primary key (indeks, god),
   foreign key (statg,sifprof)
            references profili (statg,sifprof)  on
delete restrict);

create table polagao
  (indeks      smallint not null,
   god         smallint not null,
   sifpred     char(5) not null,
   ocenap      smallint not null ,
   ocenau      smallint not null ,
   ocena       smallint not null ,
   pdanp       smallint not null ,
   pmesecp     smallint not null ,
   pgodp       smallint not null ,
   pdanu       smallint not null ,
   pmesecu     smallint not null ,
   pgodu       smallint not null ,
   polput      smallint not null,
   ispitivac   char(40) not null ,
   primary key (indeks, god, sifpred, polput),
   foreign key (indeks,god)  references dosije
(indeks,god)  on delete restrict);
```

```
MySQL C API – NEKE OD FUNKCIJA
(ovo nije konačan spisak, tako da se
mogu koristiti i funkcije van ovog
spiska)

MYSQL_FIELD
*mysql_fetch_fields(MYSQL_RES
*result)

MYSQL_ROW mysql_fetch_row(MYSQL_RES
*result)

unsigned int mysql_field_count(MYSQL
*mysql)

unsigned int
mysql_num_fields(MYSQL_RES *result)
MYSQL_RES *mysql_use_result(MYSQL
*mysql)

void mysql_close(MYSQL *mysql)

MYSQL *mysql_init(MYSQL *mysql)

MYSQL *mysql_real_connect(MYSQL
*mysql, const char *host, const char
*user, const char *passwd, const
char *db, unsigned int port, const
char *unix_socket, unsigned long
client_flag)

int mysql_query(MYSQL *mysql, const
char *query)

MYSQL_RES *mysql_store_result(MYSQL
*mysql)

void mysql_free_result(MYSQL_RES
*result)
```