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/*
*                           Student Intake Record Table
*                           ===========================
*
*
* Table used to hold information about the intake of a student into the system.
* Includes basic student information, program and district information, contact
* information, intake notes, flow details and disposition.
*
* Just in case, since this procedure is supposed to be stand-alone, create the
* database, if it doesn't exist.
*/
use master
go

if not exists(select * from sysdatabases where name='StudentTracking')
    create database StudentTracking
go

use StudentTracking
go
/*
* Get rid of the old table, if it already exists.  Then, create the new one.
*/
if exists(select * from sysobjects where name='Intake' and xtype='U')
    drop table Intake
go

create table Intake (
/*
* Field Name            Key  Description
* ------------------------------------------------------------------------------
* IDNum                  1   Number assigned by the system to track students.
*                            A unique, monotonically increasing integer.  When
*                            a new Intake record is created, the system will
*                            search for the highest currently assigned number
*                            and increment it accordingly.  The search
*                            encompasses both Student records and Intake
*                            records.  The next assigned number will be the
*                            highest of either table, thereby allowing student
*                            numbers to be pre-assigned during the intake
*                            process (required).
*/
                             IDNum integer not null,
/*
* IntakeCreatedStamp     2   The timestamp (date/time) when the Intake record
*                            was created (auto generated default, required).
*                            This field is stored in local time.  Do not adjust
*                            for GMT when displaying to the user.
*/
                             IntakeCreatedStamp datetime not null,
/*
* IntakeAuthor               The user name of the creator of this Intake
*                            record.  Auto-generated by system from logged-in
*                            userid (required).
*/
                             IntakeAuthor varchar(32) not null default 'None',
/*
* NameFirst              I   Student first name (optional but usually
*                            specified).
*/
                             NameFirst varchar(30) null default null,
/*
* NameMiddle             I   Student middle name (optional).
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*/
                             NameMiddle varchar(30) null default null,
/*
* NameLast               I   Student last or only name (required).
*/
                             NameLast varchar(50) not null default 'None',
/*
* NagCount                   The number of times database integrity checking
*                            has nagged the user about this database record
*                            not being up to snuff.  Incremented once for each
*                            nag untill the cutoff is reached.  Reset to zero
*                            whenever the name changes.
*/
                             NagCount tinyint not null default 0,
/*
* Sex                        Student's sex (choices are 'M' or 'F').
*/
                             Sex char(1) null default 'M',
/*
* BirthDate                  Student's birth date.  This is a date-only field.
*                            No adjustment for GMT is necessary.
*/
                             BirthDate datetime not null default
                                       cast('00:00:00.000' as datetime),
/*
* Grade                      The student's current grade year.  Either the
*                            letters 'P' or 'K' or a one or two digit number in
*                            the range 1-12 (required).  For adult-education
*                            students, a special adult code of "Z" is
*                            available.
*/
                             Grade varchar(2) not null default '0',
/*
* ProjectedProgNum      I,S  The program number, from the Program table, that
*                            gives the program that the student is projected to
*                            be enrolled in.  I.e. the student wishes to be
*                            admitted into this program (required).
*/
                             ProjectedProgNum integer not null default 0,
/*
* Address                    First address line.  Typically a street address.
*                            Free form text field (required).
*/
                             Address varchar(50) null default 'None',
/*
* Address2                   Optional second address line.  Typically an
*                            apartment or unit number.  Free form text field.
*/
                             Address2 varchar(50) null default null,
/*
* City                       City or town name (required).
*/
                             City varchar(30) null default 'None',
/*
* State                  S   Two or three letter field (dropdown list selected
*                            from the Lists table, using "State" to select;
*                            AL - Alabama, AK - Alaska, etc.) (optional).
*/
                             State char(3) null default 'MA',
/*
* Zip                        Zip code.  Either zip or zip + four (optional).
*/
                             Zip bigint null default null,
/*
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* Phone                      Home phone number (optional).  Display format:
*                            nnn-nnn-nnnn.
*/
                             Phone bigint null default null,
/*
* PhoneExt                   Home phone number extension (optional).
*/
                             PhoneExt smallint null default null,
/*
* ParentName                 Name of responsible parent (optional).
*/
                             ParentName varchar(60) null default null,
/*
* AltAddress                 An alternate address, usually used for the parent
*                            or guardian, when their address is not the same
*                            as the student.  This is the first address line
*                            which is typically a street address.  Free form
*                            text field (optional).
*/
                             AltAddress varchar(50) null default null,
/*
* AltAddress2                Optional second alternate address line.  Typically
*                            an apartment or unit number.  Free form text
*                            field.
*/
                             AltAddress2 varchar(50) null default null,
/*
* AltCity                    Alternate address city or town name (optional).
*/
                             AltCity varchar(30) null default null,
/*
* AltState               S   Alternate address state.  Two or three letter
*                            field (dropdown list selected from the Lists
*                            table, using "AltState" to select; AL - Alabama,
*                            AK - Alaska, etc.) (optional).
*/
                             AltState char(3) null default null,
/*
* AltZip                     Alternate address zip code.  Either zip or
*                            zip + four (optional).
*/
                             AltZip bigint null default null,
/*
* PhoneFather                Optional father's phone number (usually work).
*                            Display format: nnn-nnn-nnnn.
*/
                             PhoneFather bigint null default null,
/*
* PhoneFatherExt             Father's phone number extension (optional).
*/
                             PhoneFatherExt smallint null default null,
/*
* CellFather                 Father's cell phone number.  Display format:
*                            nnn-nnn-nnnn (optional).
*/
                             CellFather bigint null default null,
/*
* PhoneMother                Optional mother's phone number (usually work).
*                            Display format: nnn-nnn-nnnn.
*/
                             PhoneMother bigint null default null,
/*
* PhoneMotherExt             Mother's phone number extension (optional).
*/
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                             PhoneMotherExt smallint null default null,
/*
* CellMother                 Mother's cell phone number.  Display format:
*                            nnn-nnn-nnnn (optional).
*/
                             CellMother bigint null default null,
/*
* ParentEmail                Responsible parent's email address (optional).
*/
                             ParentEmail varchar(255) null default null,
/*
* ContactName                The name of the person (SPED or otherwise) to
*                            contact with regard to this intake (required).
*/
                             ContactName varchar(60) null default 'None',
/*
* ContactTitle               The title of the person (SPED or otherwise) to
*                            contact with regard to this intake (optional).
*/
                             ContactTitle varchar(60) null default null,
/*
* ContactPhone               Contact's phone number.  Display format:
*                            nnn-nnn-nnnn (optional).
*/
                             ContactPhone bigint null default null,
/*
* ContactExtension           Contact's phone number extension (optional).
*/
                             ContactExtension smallint null
                                              default null,
/*
* ContactCell                Contact's cell phone number.  Display format:
*                            nnn-nnn-nnnn (optional).
*/
                             ContactCell bigint null default null,
/*
* ContactEmail               Contact's email address (optional).
*/
                             ContactEmail varchar(255) null default null,
/*
* DistCode               S   Sending district name code (who we'll bill to)
*                            (dropdown list selected from the District table).
*/
                             DistCode smallint not null default 0,
/*
* QueueStamp                 The timestamp (date/time) when the Intake record
*                            was hung onto the process queue (auto generated by
*                            the system when queued, required once queued).
*                            This field is stored in GMT.  Adjust this time for
*                            local GMT offset, when displaying to the user.
*/
                             QueueStamp datetime null default
                                        cast('00:00:00.000' as datetime),
/*
* ProcessQueue               A comma separated list of process queue Flow
*                            record sequence numbers that indicate the order in
*                            which this intake should pass through the process
*                            queue (at least one Flow record must eventually be
*                            included in the process queue for the intake to be
*                            processed).
*/
                             ProcessQueue text null,
/*
* BlockedBy                  The process queue Flow record sequence number that
*                            this intake is blocked by.  Process queue Flow
*                            records may be signed-off out of sequence but this
*                            field indicates the earliest (in queue order) Flow
*                            record that hasn't been signed-off (maintained by
*                            system).  The administrator will see this Flow
*                            record, should they attempt to edit the Intake
*                            record.  All users will see this Flow record
*                            highlighted should they look at intake status.
*                            Set to 9999 when the queue is processed.
*/
                             BlockedBy smallint not null default 0,
/*
* ReferrerName               The name of the person who referred this student
*                            (optional).
*/
                             ReferrerName varchar(60) null default 'None',
/*
* ReferrerTitle              The title of the person referred this student
*                            (optional).
*/
                             ReferrerTitle varchar(60) null default null,
/*
* ReferrerPhone              Referrer's phone number.  Display format:
*                            nnn-nnn-nnnn (optional).
*/
                             ReferrerPhone bigint null default null,
/*
* ReferrerExtension          Referrer's phone number extension (optional).
*/
                             ReferrerExtension smallint null
                                              default null,
/*
* ReferrerCell               Referrer's cell phone number.  Display format:
*                            nnn-nnn-nnnn (optional).
*/
                             ReferrerCell bigint null default null,
/*
* ReferrerEmail              Referrer's email address (optional).
*/
                             ReferrerEmail varchar(255) null default null,
/*
* ReferrerNotes              Brief notes about the referrer.  Use the other,
*                            large fields for extensive notes (optional).
*/
                             ReferrerNotes varchar(255) null default null,
/*
* CollateralNotes            Any notes about collateral information that might
*                            be relevant to the intake decision making process
*                            (optional).
*/
                             CollateralNotes text null,
/*
* HospitalNotes              Notes about psychiatric and/or educational
*                            hospitalizations that might be relevant to the
*                            intake decision making process (optional).
*/
                             HospitalNotes text null,
/*
* Diagnosis                  A short accounting of the student's current
*                            diagnosis.  If you know the DSM IV codes, so much
*                            the better.  Use the other, large fields for
*                            extensive notes (optional).
*/
                             Diagnosis varchar(255) null default null,
/*
* Medication              S   Free form field, wherein one can type a comma-
*                             separated list of medications or notes about
*                             medications taken by the student.  This field can
*                             be filled in using the drugs list selected from
*                             the Lists table, using "Drugs" as the select.
*/
                              Medication varchar(100) null default null,
/*
* BehaviorNotes               Notes about the student's behavior and/or
*                             manifestations of their disorder that may prove
*                             useful during the intake decision making process
*                             (optional).
*/
                              BehaviorNotes text null,
/*
* MedicalNotes                Any notes about medical concerns with respect to
*                             the student's disorder that would be relevant in
*                             formulating an intake decision (optional).
*/
                              MedicalNotes text null,
/*
* OtherNotes                  Any other notes that the Intake Coordinator or
*                             signatories feel they wish to make regarding this
*                             student (optional).  Examples might be a narrative
*                             about the student's living conditions, their
*                             self-assessment, historical information and/or
*                             observations about the causes of their disorder,
*                             etc.
*/
                              OtherNotes text null,
/*
* TeamConcerns                A list of any concerns that the team members may
*                             have regarding this student and/or their disorder,
*                             how they might fit in, etc. (optional).
*/
                              TeamConcerns text null,
/*
* ParentConcerns              A list of any concerns that the parent(s) may
*                             have regarding the student's admission to school,
*                             their student's disorder, how they might fit in,
*                             what their goals are for the student, etc.
*                             (optional).
*/
                              ParentConcerns text null,
/*
* StudentConcerns             A self-assessment by the student of their
*                             concerns, their strengths and weaknesses, etc.
*                             (optional).
*/
                              StudentConcerns text null,
/*
* DisabilityDescr             A description of the student's disability or
*                             disorder (optional).
*/
                              DisabilityDescr text null,
/*
* DisabilityImpact            A synopsis of the impact of the student's
*                             disability or disorder on the student's ability to
*                             function, obtain an education, fit in, etc.
*                             (optional).
*/
                              DisabilityImpact text null,
/*
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* Weaknesses                 Describe what the student's strengths and
*                            weaknesses, etc. are (optional).
*/
                             Weaknesses text null,
/*
* PerformLevel               Describe how the student is currently performing
*                            in class (optional).
*/
                             PerformLevel text null,
/*
* Accomodations              Describe the accomodations that would assist the
*                            student in meeting their educational goals, etc.
*                            (optional).
*/
                             Accomodations text null,
/*
* TestScores                 A brief narrative description of any relevant test
*                            procedures carried out on the student and their
*                            results.  Give test scores for standardized
*                            educational and psychological tests, if they are
*                            available. (optional).
*/
                             TestScores text null,
/*
* Outcome                    The outcome of the intake (a dropdown list
*                            populated from the Lists table, using
*                            "IntakeOutcome" to select).  If this field is set
*                            to 1, the Enroll button can be clicked.  If that
*                            is done, all of the applicable information from
*                            the Intake record is propagated to a new Student
*                            record, automagically, by the system.  An
*                            Enrollment record is also made up, if practicable.
*                            This field will be blocked from being set until
*                            the intake is completely processed and all of the
*                            Flow records are set to 1.
*/
                             Outcome smallint not null default 0,
/*
* AcceptedProgNum        S   The program number, from the Program table, that
*                            indicates which program that the student was
*                            accepted into (defaults to the same value as
*                            ProjectedProgNum, eventually required but only if
*                            Outcome, above is set to 1).
*/
                             AcceptedProgNum integer not null
                                             default 0,
/*
* EnrollAuthor               The user name of the person who enrolled the
*                            student described by this Intake record.
*                            Typically, this user name is the same as
*                            IntakeAuthor but it is possible for a user with
*                            administrative priviledges to enroll a student
*                            from an intake that was not created by them, hence
*                            the reason for tracking this information (required
*                            if student is enrolled).
*/
                             EnrollAuthor varchar(32) null default null,
/*
* EnrollStamp                The timestamp (date/time) when the student
*                            described by the Intake record was enrolled in
*                            school (auto generated by the system when
*                            OpCode=E is processed).  This field is stored in
*                            GMT.  Adjust this time for local GMT offset, when
*                            displaying to the user.
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*/
                             EnrollStamp datetime null default null,
/*
* IntakeModifiedStamp        The timestamp (date/time) when this record was
*                            last modified.  Every record in the system will
*                            have a similar field, used for locking updates,
*                            etc. (required).  This field is stored in GMT.
*                            Adjust this time for local GMT offset, when
*                            displaying to the user.
*/
                             IntakeModifiedStamp datetime not null,
/*
* IntakeModifiedUser         The userid of the last user to modify this record.
*                            Every record in the system will have a similar
*                            field, used for tracking modifications (required).
*/
                             IntakeModifiedUser varchar(32) not null,
/*
*                        ^
*                        |
*                        +-- numeric == primary key position
*                            'I' == indexed (other than primary key)
*                            'S' == selector in associated table
*
* Notes:  No duplicates allowed.
*/
    primary key(IDNum, IntakeCreatedStamp)
    )
go

create index NameFirstIx on Intake (NameFirst)
create index NameMiddleIx on Intake (NameMiddle)
create index NameLastIx on Intake (NameLast)
create index ProjectedProgNumIx on Intake (ProjectedProgNum)
go

grant all on Intake to studentapp
go
```