```
<!ELEMENT SAP_TRANS (VERSION,DTG,DISTRICT,SCHOOL,PERIOD,TR_STUDENT)>
<!ELEMENT VERSION (#PCDATA)>
<!ELEMENT DTG (#PCDATA)>
<!ELEMENT DISTRICT (#PCDATA)>
<!ELEMENT SCHOOL (#PCDATA)>
<!ELEMENT PERIOD (#PCDATA)>
<!ELEMENT TR_STUDENT (T_VERSION, TRACK_ID, UPDATE?,STUDENT+)>
<!ELEMENT T_VERSION (#PCDATA)>
<!ELEMENT TRACK_ID (#PCDATA)>
<!ELEMENT UPDATE (#PCDATA)>
<!ELEMENT STUDENT (MSISID, UID?, S_FNAME, S_MNAME?, S_LNAME, SSN?, DOB,
BSTATE?, GENDER, RACE,RACE2?, RACE3?, RACE4?, RACE5?, RACE6?, ETHNIC,
PII, FEXCHANGE, GIFTEDIND, GIFTEDDESC?, VOCATIONAL, TECHPREPPROG, SPECED,
FIVEOFOUR, CEIS, LEP, IEP, MIGRANT, IMMIGRANT, TITLEIELIG, TITLEIFOSTER,
TITLEIREAD, TITLEILANG, TITLEIMATH, TITLEIHOME, TITLEINEGL,
TITLEISCIENCE, TITLEISOCIAL, TITLEISUPPORT, S_GRADE, P_GRADE,
CALC_GRADE?, PATHWAY,(ALIAS?)+, (EMERGENCY?)+, (PERMADDR?)+,
(INCIDENT?)+, (PROMOTE?)+, (ENTRANCE?)+, (WITHDRAWAL?)+, (DROPOUT?)+,
(REENTRY?)+, (TRANSPORT?)+, (ABSENCE?)+, (ABSENCE50?)+, SCHEDULE,
VOCIND?,SPECIALED?)>
<!ELEMENT MSISID (#PCDATA)>
<!ELEMENT UID (#PCDATA)>
<!ELEMENT S_FNAME (#PCDATA)>
<!ELEMENT S_MNAME (#PCDATA)>
<!ELEMENT S_LNAME (#PCDATA)>
<!ELEMENT SSN (#PCDATA)>
<!ELEMENT DOB (#PCDATA)>
<!ELEMENT BSTATE (#PCDATA)>
<!ELEMENT GENDER (#PCDATA)>
<!ELEMENT RACE (#PCDATA)>
<!ELEMENT RACE2 (#PCDATA)>
<!ELEMENT RACE3 (#PCDATA)>
<!ELEMENT RACE4 (#PCDATA)>
<!ELEMENT RACE5 (#PCDATA)>
<!ELEMENT RACE6 (#PCDATA)>
<!ELEMENT ETHNIC (#PCDATA)>
<!ELEMENT PII (#PCDATA)>
<!ELEMENT FEXCHANGE (#PCDATA)>
<!ELEMENT GIFTEDIND (#PCDATA)>
<!ELEMENT GIFTEDDESC (#PCDATA)>
<!ELEMENT VOCATIONAL (#PCDATA)>
<!ELEMENT TECHPREPPROG (#PCDATA)>
<!ELEMENT SPECED (#PCDATA)>
<!ELEMENT FIVEOFOUR (#PCDATA)>
<!ELEMENT CEIS (#PCDATA)>
<!ELEMENT LEP (#PCDATA)>
<!ELEMENT IEP (#PCDATA)>
<!ELEMENT MIGRANT (#PCDATA)>
<!ELEMENT IMMIGRANT (#PCDATA)>
<!ELEMENT TITLEIELIG (#PCDATA)>
<!ELEMENT TITLEIFOSTER (#PCDATA)>
<!ELEMENT TITLEIREAD (#PCDATA)>
<!ELEMENT TITLEILANG (#PCDATA)>
<!ELEMENT TITLEIMATH (#PCDATA)>
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<!ELEMENT TITLEIHOME (#PCDATA)>
<!ELEMENT TITLEINEGL (#PCDATA)>
<!ELEMENT TITLEISCIENCE (#PCDATA)>
<!ELEMENT TITLEISOCIAL (#PCDATA)>
<!ELEMENT TITLEISUPPORT (#PCDATA)>
<!ELEMENT S_GRADE (#PCDATA)>
<!ELEMENT P_GRADE (#PCDATA)>
<!ELEMENT CALC_GRADE (#PCDATA)>
<!ELEMENT PATHWAY (#PCDATA)>
<!ELEMENT ALIAS (A_FNAME, A_MNAME?, A_LNAME?)>
<!ELEMENT A_FNAME (#PCDATA)>
<!ELEMENT A_MNAME (#PCDATA)>
<!ELEMENT A_LNAME (#PCDATA)>
<!ELEMENT EMERGENCY (E_FNAME, E_LNAME, E_STREET1, E_STREET2?, E_CITY,
E_STATE, E_ZIP,E_ZIP4?, E_PHONENUM, PHONEEXT?, WORKPLACE?, WORKPHONE?,
WORKEXT?, RELATIONSHIP?)>
<!ELEMENT E_FNAME (#PCDATA)>
<!ELEMENT E_LNAME (#PCDATA)>
<!ELEMENT E_STREET1 (#PCDATA)>
<!ELEMENT E_STREET2 (#PCDATA)>
<!ELEMENT E_CITY (#PCDATA)>
<!ELEMENT E_STATE (#PCDATA)>
<!ELEMENT E_ZIP (#PCDATA)>
<!ELEMENT E_ZIP4 (#PCDATA)>
<!ELEMENT E_PHONENUM (#PCDATA)>
<!ELEMENT PHONEEXT (#PCDATA)>
<!ELEMENT WORKPLACE (#PCDATA)>
<!ELEMENT WORKPHONE (#PCDATA)>
<!ELEMENT WORKEXT (#PCDATA)>
<!ELEMENT RELATIONSHIP (#PCDATA)>
<!ELEMENT PERMADDR (P_FNAME, P_LNAME, P_ADDR1, P_ADDR2?, P_CITY, P_STATE,
P_ZIP, P_ZIP4?, P_COUNTYCODE, P_PHONENUM?, P_MILITARY, P_MTYPE? )>
<!ELEMENT P_FNAME (#PCDATA)>
<!ELEMENT P_LNAME (#PCDATA)>
<!ELEMENT P_ADDR1 (#PCDATA)>
<!ELEMENT P_ADDR2 (#PCDATA)>
<!ELEMENT P_CITY (#PCDATA)>
<!ELEMENT P_STATE (#PCDATA)>
<!ELEMENT P_ZIP (#PCDATA)>
<!ELEMENT P_ZIP4 (#PCDATA)>
<!ELEMENT P_COUNTYCODE (#PCDATA)>
<!ELEMENT P_PHONENUM (#PCDATA)>
<!ELEMENT P_MILITARY (#PCDATA)>
<!ELEMENT P_MTYPE (#PCDATA)>
<!ELEMENT INCIDENT (I_DATE, LOC, BYFNAME, BYLNAME, BYTYPE, TYPE, WEAPON?,
DESC,DISPTYPE, DISPDESC?, DISPSTART, DISPEND, DISPDURATION, ALTSCHOOL? )>
<!ELEMENT I_DATE (#PCDATA)>
<!ELEMENT LOC (#PCDATA)>
<!ELEMENT BYFNAME (#PCDATA)>
<!ELEMENT BYLNAME (#PCDATA)>
<!ELEMENT BYTYPE (#PCDATA)>
<!ELEMENT TYPE (#PCDATA)>
<!ELEMENT WEAPON (#PCDATA)>
<!ELEMENT DESC (#PCDATA)>
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<!ELEMENT DISPTYPE (#PCDATA)>
<!ELEMENT DISPDESC (#PCDATA)>
<!ELEMENT DISPSTART (#PCDATA)>
<!ELEMENT DISPEND (#PCDATA)>
<!ELEMENT DISPDURATION (#PCDATA)>
<!ELEMENT ALTSCHOOL (DISTRICTNUM, SCHOOLNUM)>
<!ELEMENT DISTRICTNUM (#PCDATA)>
<!ELEMENT SCHOOLNUM (#PCDATA)>
<!ELEMENT PROMOTE (PROMOTION, P_DATE, GRADCODE?,GRADENDR1?,GRADENDR2?)+>
<!ELEMENT PROMOTION (#PCDATA)>
<!ELEMENT P_DATE (#PCDATA)>
<!ELEMENT GRADCODE (#PCDATA)>
<!ELEMENT GRADENDR1 (#PCDATA)>
<!ELEMENT GRADENDR2 (#PCDATA)>
<!ELEMENT ENTRANCE (E_DATE, E_CODE, E_GRADE, E_DAYSOFFROLL)>
<!ELEMENT E_DATE (#PCDATA)>
<!ELEMENT E_CODE (#PCDATA)>
<!ELEMENT E_GRADE (#PCDATA)>
<!ELEMENT E_DAYSOFFROLL (#PCDATA)>
<!ELEMENT WITHDRAWAL (W_DATE, W_CODE, W_DAYSOFFROLL, W_GRADE )>
<!ELEMENT W_DATE (#PCDATA)>
<!ELEMENT W_CODE (#PCDATA)>
<!ELEMENT W_DAYSOFFROLL (#PCDATA)>
<!ELEMENT W_GRADE (#PCDATA)>
<!ELEMENT DROPOUT (D_CODE)+>
<!ELEMENT D_CODE (#PCDATA)>
<!ELEMENT REENTRY (R_DATE, R_CODE, R_DAYSOFFROLL, R_GRADE )>
<!ELEMENT R_DATE (#PCDATA)>
<!ELEMENT R_CODE (#PCDATA)>
<!ELEMENT R_DAYSOFFROLL (#PCDATA)>
<!ELEMENT R_GRADE (#PCDATA)>
<!ELEMENT TRANSPORT (T_CODE, RESDISTNUM?, T_GRADE, DAYSTRANS)>
<!ELEMENT T_CODE (#PCDATA)>
<!ELEMENT RESDISTNUM (#PCDATA)>
<!ELEMENT T_GRADE (#PCDATA)>
<!ELEMENT DAYSTRANS (#PCDATA)>
<!ELEMENT ABSENCE (A_DATE, EXCUSED)>
<!ELEMENT A_DATE (#PCDATA)>
<!ELEMENT EXCUSED (#PCDATA)>
<!ELEMENT ABSENCE50 (A_DATE50)>
<!ELEMENT A_DATE50 (#PCDATA)>
<!ELEMENT SCHEDULE (COURSE+)>
<!ELEMENT COURSE (COURSENUM, LOCALNUM?, LOCALNAME?, FINALGRADE?, STATUS?,
COMPETPASSED?, COMPREPASSED?,CONTEDVOC?, CONTEDACA?, CONTEDPSVOC?,
PASSFOLLOWUP?, EMPTRAINED?, EMPRELATED?,EMPNOTREL?, MILITARY?,
NONEMPLOYED?, OTHER?, VOCPROGLEVEL?, CREDITS?, CARNEGIE, CLASS+)>
<!ELEMENT COURSENUM (#PCDATA)>
<!ELEMENT LOCALNUM (#PCDATA)>
<!ELEMENT LOCALNAME (#PCDATA)>
<!ELEMENT FINALGRADE (#PCDATA)>
<!ELEMENT STATUS (#PCDATA)>
<!ELEMENT COMPETPASSED (#PCDATA)>
<!ELEMENT COMPREPASSED (#PCDATA)>
<!ELEMENT CONTEDVOC (#PCDATA)>
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<!ELEMENT CONTEDACA (#PCDATA)>
<!ELEMENT CONTEDPSVOC (#PCDATA)>
<!ELEMENT PASSFOLLOWUP (#PCDATA)>
<!ELEMENT EMPTRAINED (#PCDATA)>
<!ELEMENT EMPRELATED (#PCDATA)>
<!ELEMENT EMPNOTREL (#PCDATA)>
<!ELEMENT MILITARY (#PCDATA)>
<!ELEMENT NONEMPLOYED (#PCDATA)>
<!ELEMENT OTHER (#PCDATA)>
<!ELEMENT VOCPROGLEVEL (#PCDATA)>
<!ELEMENT CREDITS (#PCDATA)>
<!ELEMENT CARNEGIE (#PCDATA)>
<!ELEMENT CLASS (TERMSEMCODE, C_PERIOD, SECTION, MINUTES, C_GRADE?,
TEACHERSSN)>
<!ELEMENT TERMSEMCODE (#PCDATA)>
<!ELEMENT C_PERIOD (#PCDATA)>
<!ELEMENT SECTION (#PCDATA)>
<!ELEMENT MINUTES (#PCDATA)>
<!ELEMENT C_GRADE (#PCDATA)>
<!ELEMENT TEACHERSSN (#PCDATA)>
<!ELEMENT VOCIND (ACAPASSING,IEPPASSED, PREPOSTTEST, CAPSTONE, DISABLED,
DISADV, NONTRAD, SINGLEPARENT, DISPHOME, SPECIALPOP?, GRADELIGIBLE?,
UNGRADED)>
<!ELEMENT ACAPASSING (#PCDATA)>
<!ELEMENT IEPPASSED (#PCDATA)>
<!ELEMENT PREPOSTTEST (#PCDATA)>
<!ELEMENT CAPSTONE (#PCDATA)>
<!ELEMENT DISABLED (#PCDATA)>
<!ELEMENT DISADV (#PCDATA)>
<!ELEMENT NONTRAD (#PCDATA)>
<!ELEMENT SINGLEPARENT (#PCDATA)>
<!ELEMENT DISPHOME (#PCDATA)>
<!ELEMENT SPECIALPOP (#PCDATA)>
<!ELEMENT GRADELIGIBLE (#PCDATA)>
<!ELEMENT UNGRADED (#PCDATA)>
<!ELEMENT SPECIALED (IEP_DATE, ELIG_DATE, STATE_DEF, (DISABILITY)+,
(PLACEMENT)+, (REL_SERVICES)+)>
<!ELEMENT IEP_DATE (#PCDATA)>
<!ELEMENT ELIG_DATE (#PCDATA)>
<!ELEMENT STATE_DEF (#PCDATA)>
<!ELEMENT DISABILITY (DIS_TYPE, DIS_CODE, DIS_EMPSSN?, (DIS_SUB?)+)>
<!ELEMENT DIS_TYPE (#PCDATA)>
<!ELEMENT DIS_CODE (#PCDATA)>
<!ELEMENT DIS_EMPSSN (#PCDATA)>
<!ELEMENT DIS_SUB (D_SUBCODE)>
<!ELEMENT D_SUBCODE (#PCDATA)>
<!ELEMENT PLACEMENT (P_TYPE, P_CODE, (P_SUB?)+)>
<!ELEMENT P_TYPE (#PCDATA)>
<!ELEMENT P_CODE (#PCDATA)>
<!ELEMENT P_SUB (P_SUBCODE)>
<!ELEMENT P_SUBCODE (#PCDATA)>
<!ELEMENT REL_SERVICES (SERVICE, RS_EMPSSN?)>
<!ELEMENT SERVICE (#PCDATA)>
<!ELEMENT RS_EMPSSN (#PCDATA)>
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