Conversion of Entity Set

User (<u>UserID</u>; connection; language; registerTime)

Student (<u>SID</u>; level; comment)

Teacher (<u>TID</u>; availability)

Worksheet (<u>WSID</u>; grade; level; comment)

Question (<u>QID</u>; solution; category; creater)

Conversion of Relationship:

Do (<u>student</u>; <u>question</u>; <u>WSID</u>; <u>level</u>; <u>grade</u>; time)

Evaluate (<u>teacher</u>, <u>question</u>; <u>WSID</u>; <u>level</u>; time; comment)

Contain (<u>worksheet</u>; <u>QID)</u>

Create (<u>teacher</u>; <u>QID</u>; <u>solution</u>; time)

Funcational Dependencies:

Student: SID ->level, comment, connection, language, registerTime.

Teacher: TID - > connection, language, registerTime, availibility

Question: worksheet, QID -> solution, category, creator