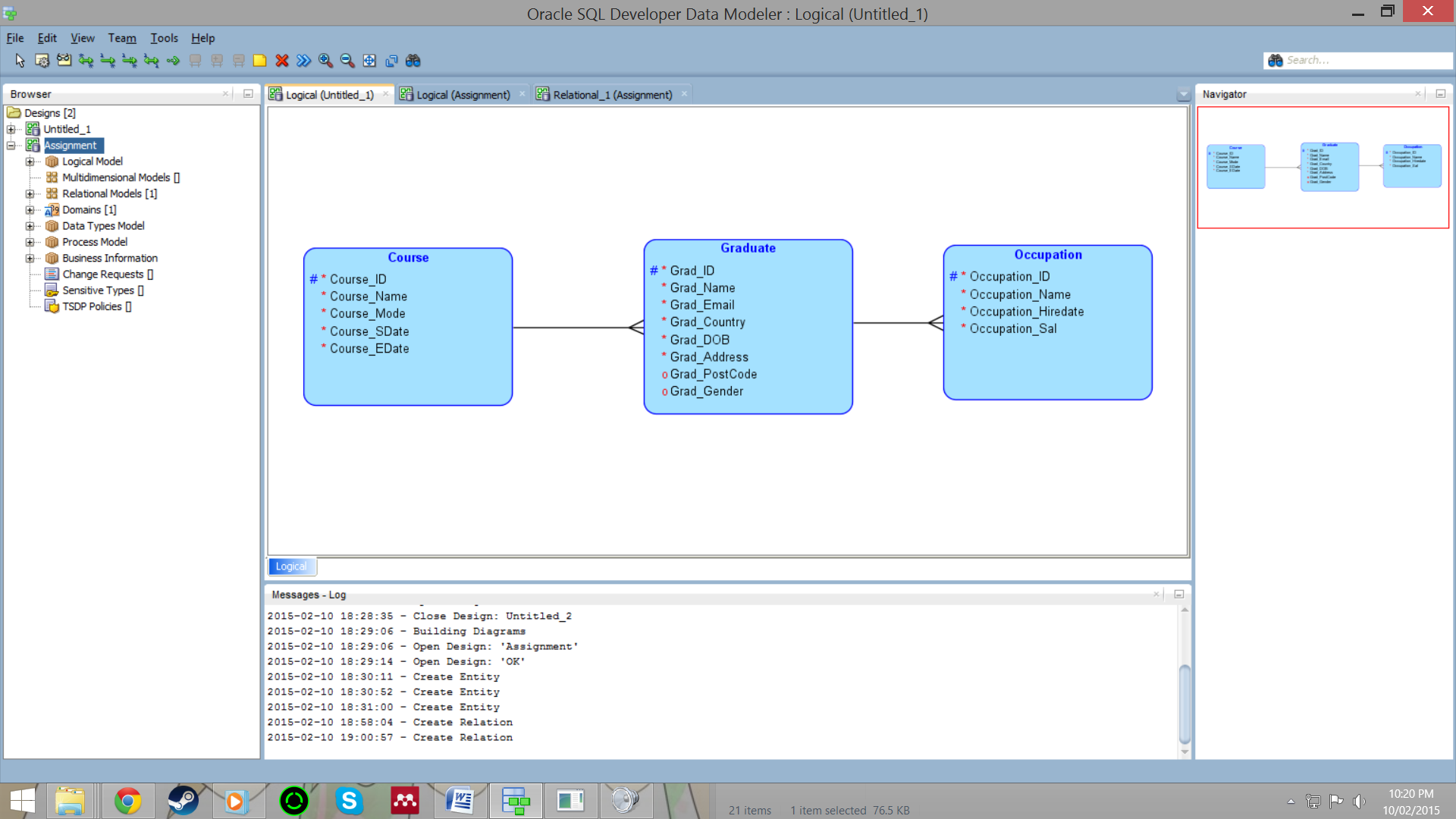
**Initial logical model:**

Course -

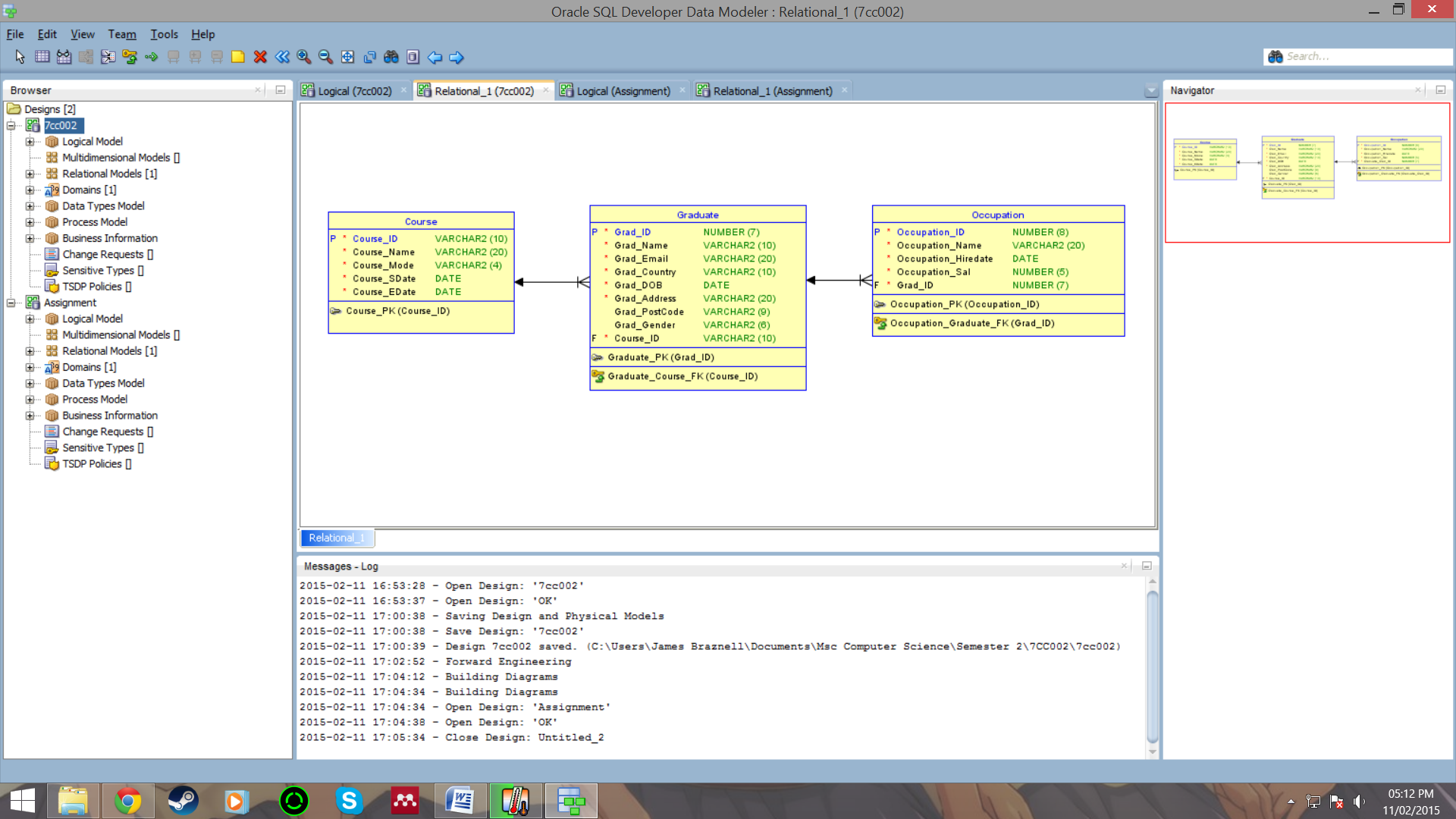
* Course\_ID - Unique course ID
* Course\_Name - The name of the course
* Course\_Mode - Full time or part time study
* Course\_SDate - When the course started
* Course\_EDate - When the course ended

Graduate - (perhaps change this to student if all values will be from university database as if graduation)

* Grad\_ID - Unique graduate ID
* Grad\_Name - Name of the graduate (surname)
* Grad\_Email - Graduates email
* Grad\_Country - Country of origin
* Grad\_DOB - Date of birth
* Grad\_Address - Graduates address during time of study (perhaps after graduation)
* Grad\_PostCode - Graduates post code during time of study (perhaps after graduation)
* Grad\_Gender - Gender of the graduate

Occupation -

* Occupation\_ID - Unique Occupation ID
* Occupation\_Name - Name of the occupation
* Occupation\_Hiredate - Date hired
* Occupation\_Sal - Annual salary of occupation

**Initial relational model -**

Course -

* Course\_ID - Varchar2 with a maximum length of ten
* Course\_Name - Varchar2 with a maximum length of twenty
* Course\_Mode - Varchar2 with a maximum length of four
* Course\_SDate - Date type
* Course\_EDate - Date type

Graduate -

* Grad\_ID - Number with a maximum length of seven
* Grad\_Name - Varchar2 with a maximum length of ten
* Grad\_Email - Varchar2 with a maximum length of twenty
* Grad\_Country - Varchar2 with a maximum length of ten
* Grad\_DOB - Date type
* Grad\_Address - Varchar2 with a maximum length of twenty
* Grad\_PostCode - Varchar2 with a maximum length of nine
* Grad\_Gender - Varchar2 with a maximum length of six
* Course\_ID - Foreign key linking to course table as Varchar2 with maximum length of ten

Occupation -

* Occupation\_ID - Number with a maximum length of eight
* Occupation\_Name - Varchar2 with a maximum length of twenty
* Occupation\_Hiredate - Date type
* Occupation\_Sal - Number with a maximum length of five
* Grad\_ID - Foreign key linking to graduate table as Number with a maximum length of seven