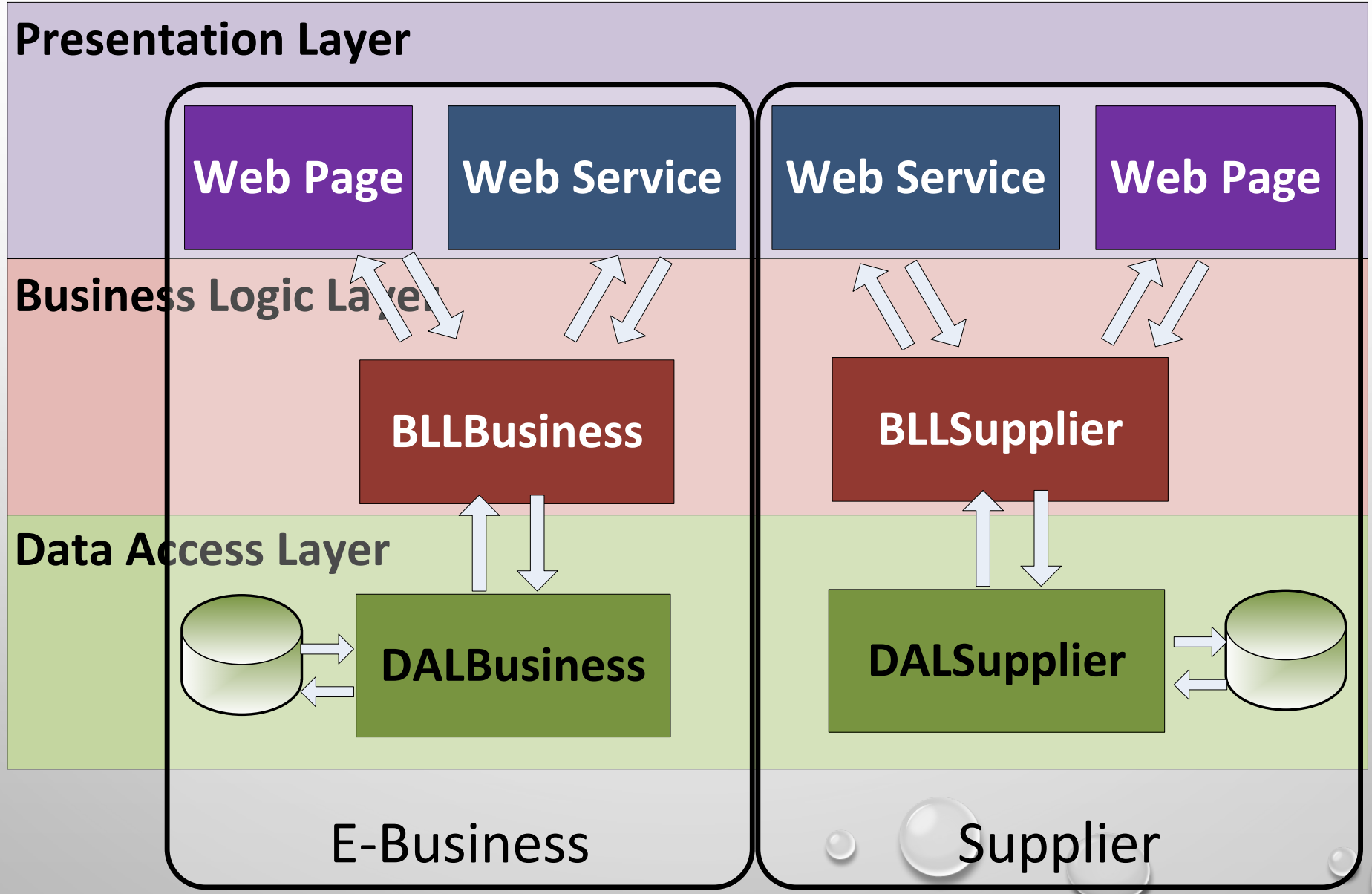
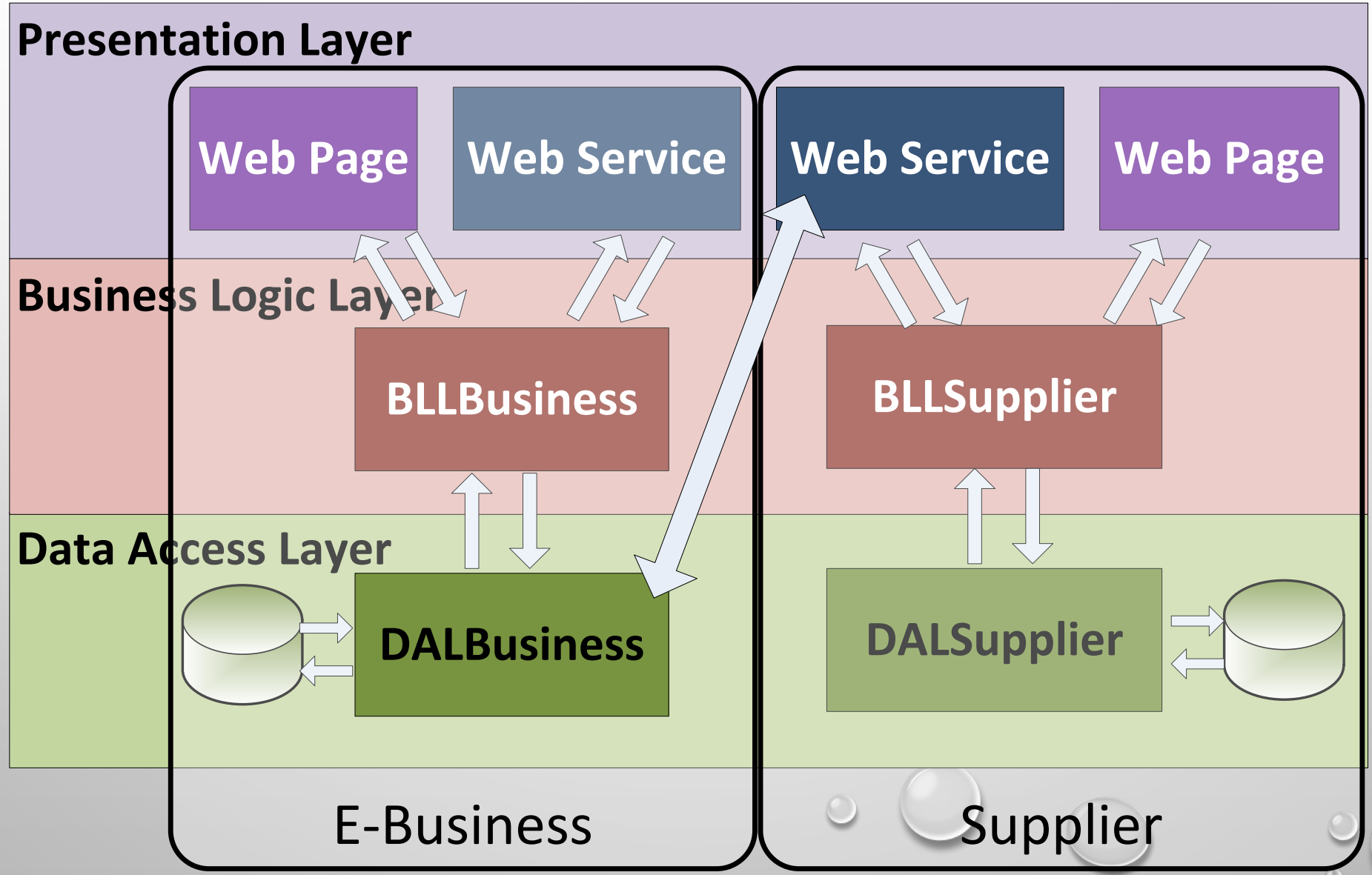
IT2605 PRACTICAL ASSIGNMENT

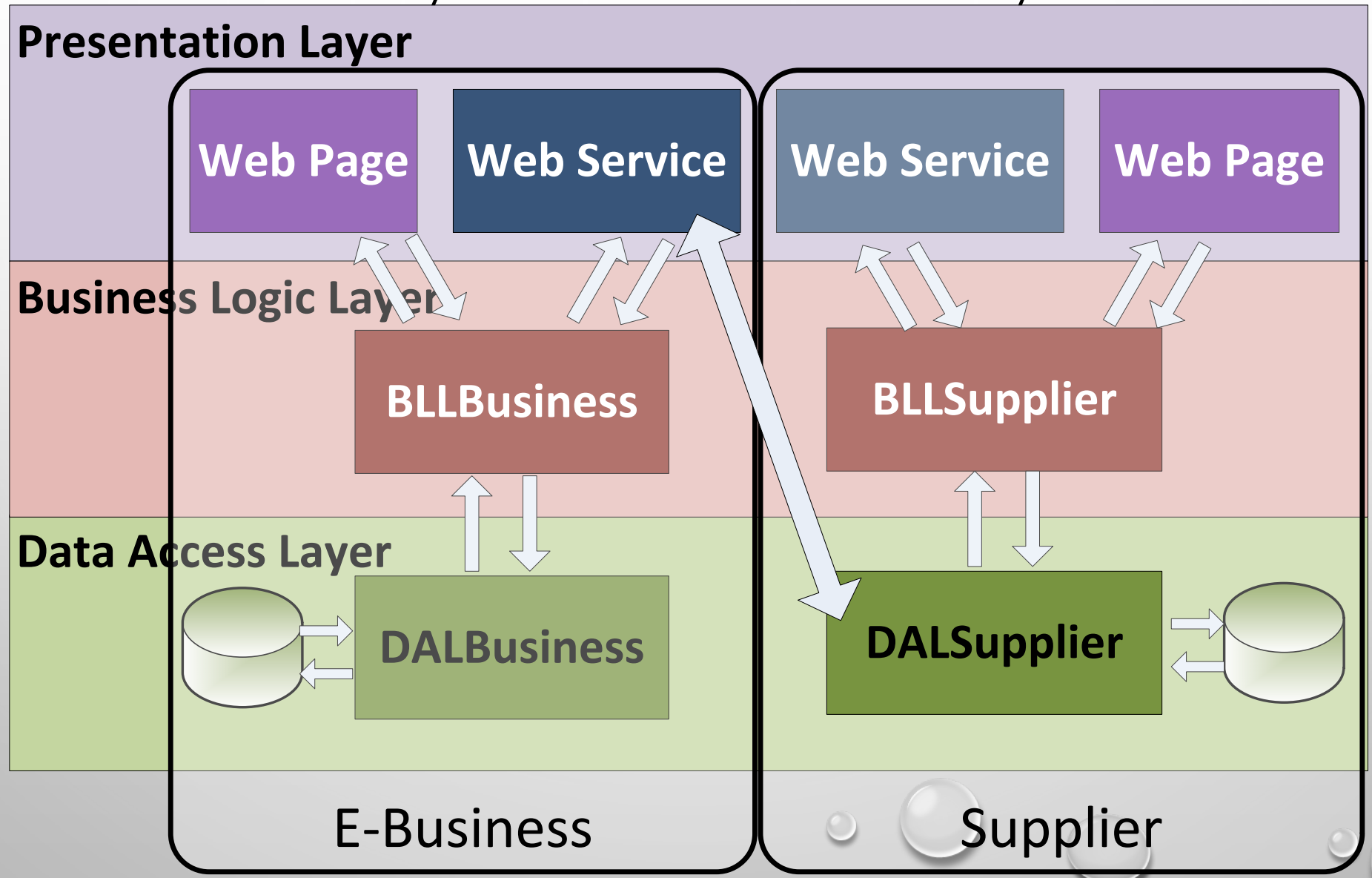
E-BIZ AND SUPPLIER


Presentation Layer
Web Page
Web Service
Web Service
Web Page
Business Logic Layer
BLLBusiness
BLLSupplier
Data Access Layer
DALBusiness
DALSupplier
E-Business
Supplier

E-BUSINESS SEND/RETRIEVE DATA FROM/TO SUPPLIER



SUPPLIER SEND/RETRIEVE DATA FROM/TO E-BUSINESS



ASSIGNMENT

- Do this assignment in pair.
- You will be given half of a puzzle with you name and you can only pair with someone with has the other half of the puzzle.
- Let your tutor know who is your partner.
- This assignment constitute 30% to your ICA.
- Submission on week 12 during lesson time, each pair will have 5 minutes to demo.
- Deadline will not be extended.

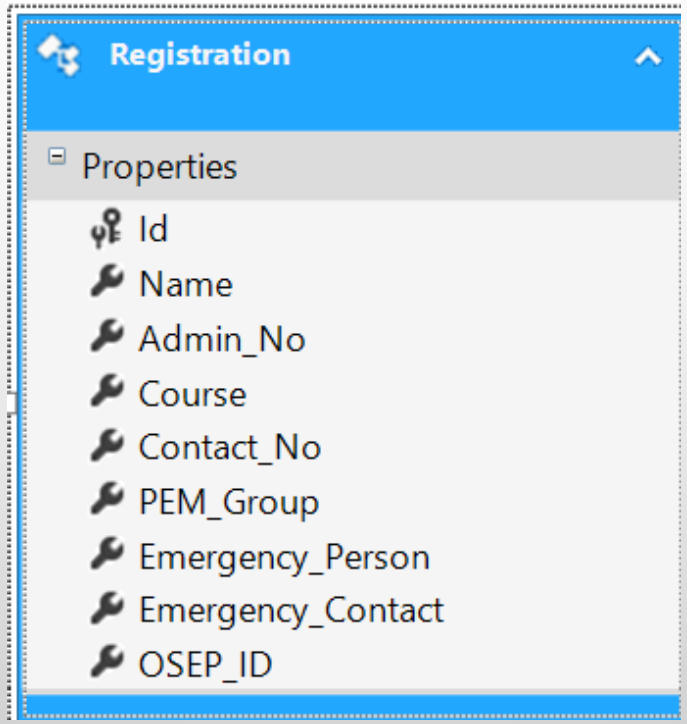
SCENARIO

- FLY-TA is a travel agency that organise trips for polytechnic to overseas exchange program. Each program is created and open to all polytechnic students to apply. However each polytechnic have their own registration website as they keep more information that the agency requires.
- NYP is one of the polytechnic that participate in this exchange program.

TASK - 1

- Using the databases provided, create 2 **Three-Tier** Project Solution (One for NYP, One for FLY-TA)
- In NYP project,
  - Create web pages
    - Consume FLY-TA Web Service to retrieve and display information on the available exchange program.
    - Include a button/link beside each program for students to register.
    - Students can register for all programs. After each successful registration, invoke FLY-TA web service to **increase** the number of registered seats
  - Create a web service
    - Expose student's information to FLY-TA (Only the necessary info should be displayed)
  - Refer to database schema on what fields are required for registration
- *Question for thoughts: at which **LAYER** should we call the function to register student and to increase the number of registered seats?*

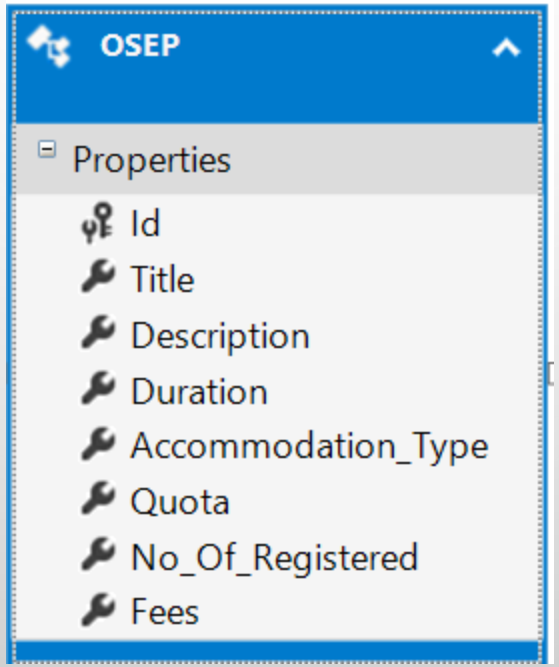
TASK 1 – NYP DATABASE



TASK - 2

- In the FLY-TA Project
  - Create a web page to create exchange program
    - Accommodation Type: Hostel or Home-Stay
  - Create a web page to retrieve and display **ALL** exchange program details
    - On selecting the exchange program, display the list of students (Name, Admin No, Contact Number, Course) who register for it.
  - Create a web service
    - Retrieve the list of **AVAILABLE(there are still available quota)** exchange programs and its details
    - **Increase** number of registered seats for the exchange program

TASK 2 - FLYTA DATABASE



MARKING SCHEME - 1

Project	Task	Marks
NYP	Web page to retrieve and display list of exchange program from FLY-TA	3
	Web page for students to register for the program and reduce the available seats on FLY-TA website	4
	Web Service to expose student's information	3
FLY-TA	Web page to create exchange program	1
	Web page to display exchange program details and the list of students who register for it	4
	Web Service to retrieve the list of exchange programs and its details	2
	Web Service to reduce number of available slots	3
Overall	Correct flow of data	4
	Three-Tier for both application	6
	TOTAL	30

MARKING SCHEME - 2

- Master Page and Form Validation are not required
- Aesthetically pleasant/beautiful Website will not get extra marks.
- 6 Marks will be SUBSTRACTED from each project that is not THREE TIER

NOW

- Please start to find your partner, look for your tutor to book the presentation slot
- You may ask your tutor more question if you are unclear about the assignment.

IT2605 - Group _ presentation slot		
Date : _____		
	North	South
8:00 AM		
8:10 AM		
8:20 AM		
8:30 AM		
8:40 AM		