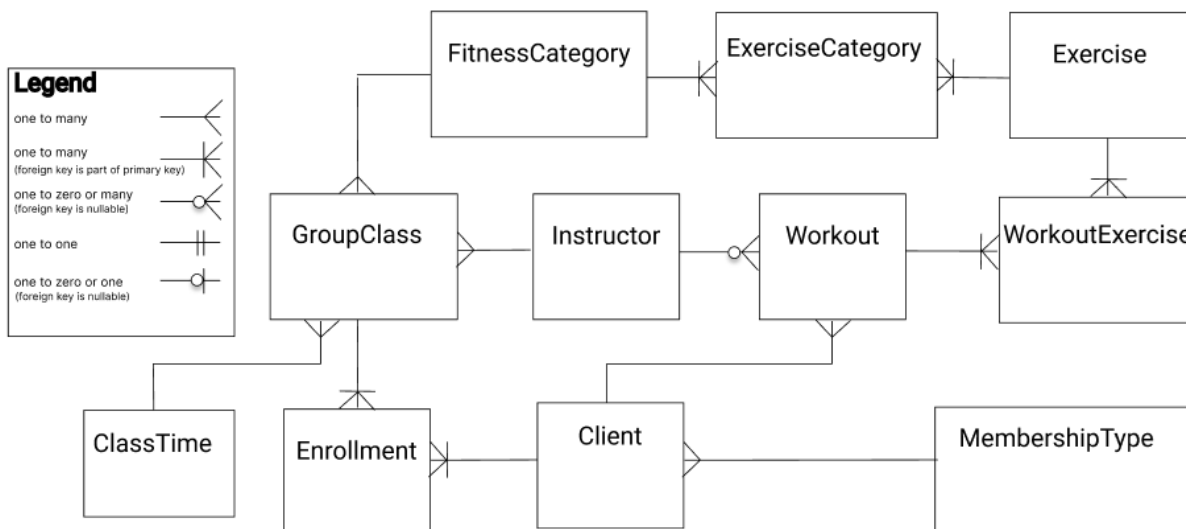## Gym Management Data Model



**Instructions**

Continue with the ASP.NET Core MVC Gym Management application from Part 3B.

1. **(15 Marks)** The client has requested an onscreen "Membership Report" listing data for all Clients grouped by their Membership Type.  The report should show:
   a. Membership Type and for each one:
      i. Number of Clients.
      ii. Average fee paid.
      iii. Highest fee paid.
      iv. Lowest fee paid.
      v. Total fees paid.

Gym Management   Group Classes   Office Menu ▾                                    Register   Login

## Membership Type Summary

Export to Excel

| Membership Type | Number Of Clients | Average Fee | Highest Fee | Lowest Fee | Total Fees |
|---|---|---|---|---|---|
| Basic | 46 | $100.24 | $111.00 | $100.00 | $4,611.00 |
| Premium | 35 | $176.29 | $250.00 | $99.00 | $6,170.00 |
| VIP | 40 | $301.57 | $363.00 | $300.00 | $12,063.00 |

Page 1 of 1

Note that your numbers will be the consistent across all calculations because of how the data is seeded.  Just edit a few records and change the amount of the fee paid to see that the report is calculating correctly.

2.  **(15 Marks)** In addition to the onscreen report, they want the option to download the same data in an Excel Spreadsheet.  The spreadsheet should have the following additional features:
    a.  Have a nicely centered title at the top of the report
    b.  Show the date and time the report was generated near the top of the report.
    c.  After the last row of data, it should list the following summary information:
        i.  Total number of Clients at the Gym
        ii. Total Fees paid

Submit your work for Parts 3A, 3B and 3C together in one project.

As you submit to Brightspace, **you must enter comments describing how far you got** on the assigned work.  Failure to describe the completeness of your submission will result in marks being deducted.