

ASP.NET Assignment2: Golf Club DB

Due date: March 7th 2023

For this assignment, you are requested to write a small web site for a local golf club using ASP.NET. Using either Razor or Blazor the user of the system should be able to insert, read, update and delete golfers' details. The club's members are stored with membership number, name, email, sex and handicap for each player. In addition to adding members, the system should also allow players to book tee times. Tee time bookings are made in 15 minutes intervals from the beginning of the hour e.g 9:00, 9:15, 9:30 and 9:45. Only four players may play at the same tee time. The tee timetable should store player one, player two, player three and player four names along with their handicaps. Members are not permitted to book two games on the one day.

From the browser users should be allowed to query the database on the following:

- Member gender
- Handicap golfers below 10
- Handicap golfers between 11 and 20
- Handicap golfers above 20
- All bookings for a selected member
- Sort :
 - Members by Name ascending descending order
 - Members by Handicap number ascending-descending

Use the `SQLite` database for storing members and booking details. Any additional data details for members and bookings are left to your own discretion. Demonstrate validation of input at server and client side.

Marking scheme

Integrated CRUD application

Create members/bookings	5%
Update members/bookings details	5%
Delete members/bookings details	5%

System queries

View all members/ View by Gender	5%
View golfers with H/Caps below 10	5%
View golfers with H/Caps above 20	5%
View golfers with H/Caps between 11 and 20	5%
Golfers individual bookings	10%

Sorts	20%
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Validation

Member details	10%
Tee bookings	5%
Golf webpage GUI	20%