**PROG 2370 Assignment-2**

**Points : 100 points**

In this assignment you are going to create a Horse race in C# using the Visual studio.

Diagram

Description automatically generated

**Details of the Game**

* Each horse must have a number and show an image of the horse in the button.
* When the Player press the start button horses start the race.
* When horses touch the right side of the End Point horse stop.
* Horse move in a circular clockwise direction
* When the last horse touches the end point, race stop.
* At the end of the race show the result (three text boxes shows the details of the winner horse)
* Table show the tally of each horse in the race
* You have to show the timing and speed of the horse in the table.
* Each time there should be a random horse speed and Restart button restart the race.
* Horses should not touch each other.

**The rubric of the Assignment**

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| **Tasks** | **Points** |
| 1 Design  Path and the horses -15 points  Table -10 points | 25 |
| 2. Functionality  Circular movement -30 points  Result (table) -10 points  Random speed -10 points  Start/ Restart button - 10 points  Start at the start point - 5 points  Stop at the end point -5 points  Show the result at the end of the race-5 points | 75 |