**Report about best devices & OS & programming languages & database and applications.**

**System Name:**

1. **Devices**

**WindowsPcs: because the windows is a popular and then more use a people and the windowspcs easy and good use.**

1. **Operating Systems**

**Windows 10: the windows 10 is a popular and use the most people and the windows 10 easy.**

1. **Programming Language**

**C#: because the C# use The Most Developer in the programing and The C# easy and good Language Programing.**

1. **Database**

**Sql: the sql easy a writing a database and good Database and Sql use a .net and use the most Developer.**

1. **Applications**

**Backend:**

**C# Asp .net core**

**Fortend: html and Css , because the C## use The Most Developer in the programing and The C# easy and good Language Programing and the html easy language programing and very good language.**

**Design of an integrated system (Class diagram)**

|  |
| --- |
| Team Member |
| Id(primary key) |
| name |
| email |
| role |

|  |
| --- |
| Project |
| Id(primary key) |
| name |
| description |
| startdate |
| Enddate |

|  |
| --- |
| **Task** |
| Id(primary key) |
| title |
| description |
| status |
| priority |
| deadline |
| Project\_id (foreign key) |
| TeamMember \_id (foreign key) |

**Testing**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Test case ID** | **Test case description** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | The manage enter name and enter email | enter name and email | Name = Boda  Email =Boda@gmail.com | Go to a screen list  \_task | Go to a screen list  \_task | pass |
| 2 | The Emp enter name and enter email | enter name and email | Name = Ahmed  Email =Ahmed@gmail.com | Go to a screen list  \_task | Go to a screen list  \_task | pass |
| 3 | The emp edit a ststus | Enter the status | Status = Compelete | The status =complete  And go to edit screen | The status =complete  And go to edit screen | pass |
| 4 | The manage add a task | Enter the title and description and status and priority and deadline | Title = t1 , description = 1, status = pending , priority = Low , deadline = 2024-12-29 12:00:00 | Add the title and description and status and priority and deadline  And go to screen a list\_task | Add the title and description and status and priority and deadline  And go to screen a list\_task | pass |