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

**System Name: Management System**

1. **Devices:**

**Laptop Lenovo(Because it has the minimum requirements for running the app)**

**Realme C3(Because it has the minimum requirements for running the app on mobile)**

1. **Operating Systems :**

**Windows 10(Because it runs the code smoothly)**

1. **Programming Language :**

**C#(Because its method are easy to use and understand), Html(Because it is the main design structure of the application and is easy to use and learn), CSS(Because it is the inner design of the application and is easy to use and learn), JS(Because it has an easy logic to understand and easy methods to use with HTML and CSS)**

1. **Database :**

**Sql Server Management System(Because it is so easy to work on any database on it)**

1. **Applications**

**IDE(Because it’s easy to understand)**

**OOP(Because it’s easy to use)**

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

M

1

Project

Tasks

M

1

Team

Members

**Testing**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Test case ID** | **Test case description** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Adding a new project | Clicking the add a new project button | ID  Name  Description  Start Date  End Date | Creates a new project | A new project was created | pass |
| 2 | Adding a new task | Clicking the add a new Task button | ID  Title  Description  Statues  Priority  Dead Line | Creates a new Task | A new Task was created | Pass |
| 3 | Adding a new Team Member | Clicking the add a new Team Member button | ID  Name  Email  Role | Creates a new Team Member | A new Team Member was created | Pass |
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