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

**System Name:** Manage taskes

1. **Devices**

**Mobiel**

**Desktop**

Iphones

Reason:because browsers still support this devices and web system scalable.

1. **Operating Systems**

**Android:android 10 or higher**

**Ios: 6 or higher**

**Desk top: windows 7 or higher and linux**

**Reason:because the system or browsers still support these vartions or higher.**

1. **Programming Language**

**C# asp . net core design bettern Mvc**

**Ide:visual studio**

**Reason:mvc is a design bettern make test easy and organizing to code and asp have high scalability .**

1. **Database**

**Sql (relational data base)**

**Dbms:sql server**

**Reason:because sql data base use to programs have relations between its data .**

1. **Applications**

**Task manage ment system for manage taskes and users who have taskes and edit on users and taskes**

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

**Team member**

Int Projectid

String Name

String Description

Datetime startdate

Datetime enddate

Int id

String title

String description

String status

String priority

Datetime DeadLine

Memberid FK FKprojectid FK

Int Memberid

String Name

String Email

String Role

**Testing**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Test case ID** | **Test case description** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | Create project | Enter project name  And other data | Pro1  Desc1  2024-24-12  2025-9-7 | Create project succesfully | Project created succesfully | pass |
| 2 | Update project | Update project name | Pro2 | Update project succesfully | Project updated succesfully | pass |
| 3 | Delete project | Delete project pro5 | Delete pro 5  Test data ---- | Delete project succesfully | Project deleted succesfully | pass |
| 4 | Update task | Update task title | Task6 | Update task succesfully | Task updated succesfully | pass |