**CS311 Term Project Configuration Document**

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| **Project:** | CS311-58 (Plagiarism Checking Tool) |

**Programming Languages, Tools and software(IDEs) used for Project implementation:**

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| Sr. No. | Software | Version | Reason |
| 1 | Operating System | Windows 10  1903 | Windows is a good platform for developing windows apps and web apps. It has faster interface. It is also faster than the other operating systems and its last versions. It also provides a great experience. |
| 2 | Microsoft Visual Studio | 2017, 2013 | It provides a simple and easy development for the development. Visual studio has also a variety of programming languages. For windows forms app or desktop apps it is helpful. |
| 3 | Programming Language (Front End) | C# | C# is a modern language. It has a very easy and user-friendly experience for the front-end programming. It uses pick and drop mechanism. It also helps in improving characteristics of the items used. It is easily integrated with the other languages. |
| 4 | Programming Language  (Back End) | C# | C# is a modern language. It provides developers and programmers with the easy and efficient approach. It has class classes structure in it also. |
| 5 | Bunifu Theme | Bunifu 1.5.3 | It provides a good and light framework environment for the desktop app development. It helps a lot due to pick and drop mechanism. |
| 6 | C# 6.0 | **.NET Framework** 4.6 | .NET is a frame work and open source development environment. It has a wide range of programming languages with which it can be integrated. It is necessary and helpful in development. |
| 7 | C# 7.0 | **.NET Core**  2.0 | .NET is a frame work and open source development environment. It has a wide range of programming languages with which it can be integrated. It is necessary and helpful in development. |
| 8 | Interface | Windows Form pp | Windows Forms App is easy to use and best for the desktop apps. It is light framework. |
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**Project Configuration Guidelines(Step by Step):**

1. User needs to download the project “.zip” from the repository.
2. He has to extract the folder containing project files.
3. In the extracted folder, there will be a “.sol” file of visual studio.
4. User will be needed a Microsoft visual Studio software (onwards from 2013) with proper .NET framework installed on its desktop PC
5. Then, user can open the file with the visual studio,
6. Now, user can explore the files in the solution in visual studio,
7. User can now run and implement the code.
8. It will take some time and after it, a output screen will be shown where he can select option of his choice.