

**ADDIS ABABA INSTITUTE OF TECHNOLOGY**

**CENTER OF INFORMATION TECHNOLOGY AND SCIENTIFIC COMPUTING**

**DEPARTMENT OF** **SOFTWARE ENGINEERING**

**Project Name- School Grade management system**

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The system we built is of a high school grade management. Students and 10 types of teachers can login to the program. Each student can see only his/her results and each teacher can change only marks of the subjects he is teaching. Also, there are links to the school’s social media websites in the program at the bottom right of every window.

Our program is written in python and uses excel worksheet as a database. Teachers can modify marks of their students. And also, a teacher can register a new student. A random password will be generated for the new student in a popup box. Students can see all their results easily in the program by just logging in.

The following modules are going to be needed to be installed in order for this program to work:

Openpyxl – to manipulate and read excel files

webbrowser – to open a link in external browsers