

College of Engineering Guindy

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Future Enhancement

TITLE:

Happy
Coding!!!

BY

(B.Tech IT – III year)

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Future enhancement:

The enhancements that can be made to the 'Happy Coding' project are :-

- i) The error which is detected and whose solution is found can be also be corrected directly in the code rather than the programmer correcting the error himself/herself. Since the time taken by the programmer to understand the error and read the cause of it and correct it takes a lot of time. If the error causing line is corrected automatically then time is conserved as the error is corrected in a correct and fast manner.
- ii) This plugin which enables in detection and solution of errors must be made more generic to different text editors rather than it being specific only to sublime as programmers may use other text editors such as vim, komodo, notepad++, etc. So those who use other editors will be forced to use sublime to use the 'happy coding' feature, thus enabling the plugin in other text editors will help wide range of programmers use this feature in the text editor of their choice.
- iii) The error detection can be made more dynamic, (i.e) the error can be detected and notified to the user as and when an error is encountered rather than compiling the whole code and detecting errors from the compiled code. Only after the code is compiled are the errors and their solutions generated, if the errors are detected while the code is being typed the correction mechanism would be made quicker.
- iv) The GUI can be made more attractive to the user by making the solutions to the errors appear in colourful pop up windows, as they can catch the programmers attention.