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3A

BET-CPET

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(MATH13)

Engineering Data Analysis

Preferred Integrated Development Environments (IDE) of TUP-M BET-CPET 3rd and 4th Year Students

Research Questions:

1. Year Level (3rd Year or 4th Year)
2. What IDE do you preferably utilize? (Visual Studio Code, Atom, Eclipse, IntelliJ, Xcode, Sublime Text, Vim, Notepad++, NetBeans, PyCharm, and Spyder)
3. What features of this IDE do you find most useful? (Code Autocomplete, Syntax Highlighting, Extensions, Debugging Tools, Error Detection, Code Suggestions, Code Navigation, Collaboration Features, Cross-Platform Support, Cloud Integration, Artificial Intelligence (AI) Integration, Git/GitHub Integration, Beginner Friendly User Interface, Customizable User Interface, Integrated Terminal/Command Line and Multi-Language Support)
4. How easy was it for you to learn and start using your preferred IDE? (Likert Scale: 1- Very Easy, 4- Difficult)

Google Forms Screenshots:

Preferred Integrated Development Environments (IDE) of TUP-M BET-CPET 3rd and 4th Year Students

Good Day!

We are researchers from BET-CPET - 3A (Bachelor of Engineering Technology - Major in Computer Engineering Technology) program from the Technological University of the Philippines Manila Campus (TUP-M). We are conducting a survey in the partial fulfillment of our course, Engineering Data Analysis (MATH13). Our survey aims to provide data for our study " *Preferred Integrated Development Environments (IDE) of TUP-M BET-CPET 3rd and 4th Year Students*" which aims to identify the ideal IDE based on descriptive statistics. With that, we are asking your consent to take the time to answer our survey.

Your participation in this survey is voluntary. All information you provide will be treated with the highest confidentiality and will only be used for academic research purposes. No personal identifiers (such as name or student number) will be collected. The data will be stored securely and will not be shared with anyone outside the research team and our professor. This study strictly complies with the provisions of the *Data Privacy Act of 2012 (RA 10173)*. By answering this survey, you consent to the use of your responses for research while ensuring your privacy and anonymity.

Should you have any questions, do not hesitate to contact the researchers. Thank you for your cooperation!

Sincerely,

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Year Level *

☐ 3rd Year

☐ 4th Year

What IDE do you preferably utilize?

☐ Visual Studio Code

☐ Atom

☐ Eclipse

☐ IntelliJ

☐ XCode

☐ Sublime Text

☐ Vim

☐ Notepad++

☐ NetBeans

☐ PyCharm

☐ Spyder

What features of this IDE do you find most useful? *

- ☐ Code Autocomplete
- ☐ Syntax Highlighting
- ☐ Extensions
- ☐ DebuggingTools
- ☐ Error Detection
- ☐ Code Suggestions
- ☐ Code Navigation
- ☐ Collaboration Features
- ☐ Cross-Platform Support
- ☐ Cloud Integration
- ☐ Artificial Intelligence (AI) Integration
- ☐ Git/GitHub Integration
- ☐ Beginner Friendly User Interface
- ☐ Customizable User Interface
- ☐ Integrated Terminal/Command Line
- ☐ Multi-Language Support

How easy was it for you to learn and start using your preferred IDE? *

- | | | | | | |
|-----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------|
| | 1 | 2 | 3 | 4 | |
| Very Easy | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Difficult |