

SENIOR PROJECT CN-2-2016

## Feature List

Submitted to

School of Information, Computer and Communication Technology  
Sirindhorn International Institute of Technology  
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by

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- Students should tick the status of each feature: complete (> 80%), partial (40-80%) or in the initial stages (< 40%).
- Students should upload a video demonstration of completed and/or partial features:  
Video link: <https://www.youtube.com/watch?v=1S5yFyBBTDA>

1. Output Visualisation: Users will be able to see the output value visualised as a picture.

Feature status: ☒ Complete      ☐ Partial      ☐ Initial

2. Classification Visualisation: Users will be able to see the statistical emotion class values visualised as bar charts.

Feature status: ☒ Complete      ☐ Partial      ☐ Initial

3. Modifiers Customisations: Users will be able to customise the value of modifiers for each emotion class along with the overall threshold value. They will be able to save and load those settings under their desired name as well.

Feature status: ☒ Complete      ☐ Partial      ☐ Initial

4. Program Settings: Users will be able to customise certain behaviours of the program such as the directory of the output text file is generated. They will be able to save and load those settings. This feature is primarily aimed to be beneficial to programmers.

Feature status: ☒ Complete      ☐ Partial      ☐ Initial

5. Headset Status Display: Users will be able to see the signal strength and battery life of Emotiv EPOC.

Feature status: ☒ Complete      ☐ Partial      ☐ Initial

6. Output and Logs: Users will be able to retrieve the output value in a text file and check the logs in a log file or in the program panel. This feature is primarily aimed to be beneficial to programmers.

Feature status: ☒ Complete      ☐ Partial      ☐ Initial

7. Graphical User Interface: Users will be able to navigate through various features and functions offered by the program via comprehensive and smooth interfaces.

Feature status: ☒ Complete      ☐ Partial      ☐ Initial

8. User Data Management: User defined data will be managed by directorial management and XML structured files. They will be able to relocate or manually edit those data as needed.

Feature status: ☒ Complete      ☐ Partial      ☐ Initial