

support learning new issues in programming. However, it can be seen that many of them thought that the required measurement levels were too fastidious.

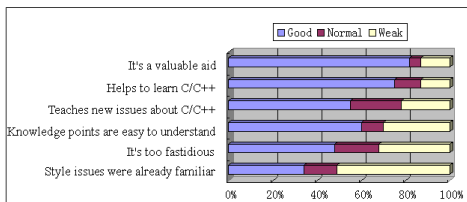


Fig.7. Student feedback on the method.

5. Conclusion

In this article, we have presented the method of case teaching in C++ programming courses. Student have built LAS system and worked them into automatically measurable program.

The technical solution seems to be adequately flexible for different education purposes. Based on one case of laboratory animal, some usability and technical issues that could be further developed. It has been shown that the method have specific reliability and code convention. LAS requirements with All technical advancements have been included in our courses, to support learning with best possible knowledge and practices.

6. Acknowledgements

Table 1: C/C++ Knowledge point used in system

	Define LA	Apply for	Return LA	Compute fee
If else and Switch case	✓	✓	✓	✓
Loops in C++	✓	✓	✓	✓
Functions in C++	✓	✓	✓	✓
Accessing Pointers	✓	✓	X	X
Structures in C++	✓	✓	✓	X
Storing Arrays	✓	✓	X	✓
Character Strings in C++	✓	✓	✓	X
Linked Lists	✓	✓	✓	✓
Inheritance	✓	X	X	X
C++ Class Design	✓	✓	X	X
C++ Formatted Output	X	✓	✓	✓
File I/O	X	✓	✓	X

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7. References

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