Computer music education
- Comparison of Cubase and Logic program-

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Abstract. In college, courses for computer music and MIDI became necessary. MIDI education is done concentrating to computer music softwares which has a variety of versions and brands. Therefore selecting a suitable one is important. Moreover instructors should educate students so that students could use those softwares freely during music production. Nowadays, due to the development of hardware and software capability of computers, the whole process of music production; recording, mixing, autotune, mastering, can be done with a single software. Of course it has some negative effects but this made possible for a larger range of people be involved in music production and the width and depth of music industry increased.

Keywords: computer, software, program, sequencing, logic, Q-bass .

1. Introduction

In college, Logic and Cubase are the most widely used sequence softwares. Recently all MIDI follow the DAW(Digatal Audio Workstation) program method which is a all in one style sequence; enabling composition, mixing, mastering at once[1].

DAW Software[2]
Cubase, Logic, Studioone, Reaper   etc..

Composition ⇨ Arrangement ⇨ MIDI ⇨ Recording ⇨

Mixing ⇨ Edit ⇨ Autotune ⇨ Masterring

This thesis is research about the most popular MIDI used in popular music majors; Cubase and Logic Pro. Among several functions, this thesis would compare the strength and weakness of sequencing, and special features in an educational perspective[3]**.**

2. Compare the Main Screen

Fig. 1. Cubase Main Screen

[Fig1] is the main page of Cubase. Cubase has the most various and usable MIDI sequencing, and composition functions[4].

Fig. 2. Logic Main Screen

It has well designed modern interface with well set modules of composition, arrangement, and mixing. Moreover[5],

2. Analysis

Cubase
MAC   and   WINDOW   All Works

Easy to use
Cubase needs to have more various effector, instruments and free sets

Logic
Only works for MAC
Interface features easy
Logic need to be more open to other sequence programs and audio edit method
should be more easy[6]

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