

Music Wizard Labor Division

By Lizao Wang, Yaxin Liu, Vera Ye

Individual Task:

Lizao encryptedNamesQueue <ul style="list-style-type: none">• findShift()• hardEncrypt()• easyEncrypt()• toString()• buildArray() UI Design Content Generation <ul style="list-style-type: none">• Writing questions & answers• Creating pictures & getting audio files	Yaxin LinkedTernaryTree <ul style="list-style-type: none">• getChoiceA()• getChoiceB()• getChoiceC() musicTernaryTree <ul style="list-style-type: none">• musicTernaryTree()• getMusicTree()	Vera TTNode <ul style="list-style-type: none">• getters and setters TernaryTree Interface usersGuess <ul style="list-style-type: none">• getGuess()• compareTo() songNamesVector <ul style="list-style-type: none">• songNamesVector()• getOneSong() Java documentation
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Joint Tasks:

- **musicWizardPanel**
 - musicWizardPanel()
 - ActionListenerOne()
 - ActionListenerTwo()
 - ActionListenerThree()
 - ActionListenerFour()
- **musicWizard**
 - main()
- **User Manual**

- Visualizing the tree data structure and decision making paths
- Designing user flow
- UI analysis
- **Technical Report**
 - Summarizing the choice of data structures
 - Demonstrating the different classes of the program

Timeline:

- Submit presentation and labor plan (pdf) on Cyberduck by Dec.5th (Wed) midnight;
- In-class presentation at 11:10AM on Dec.6th (Thur);
- Finish individual programming by Dec.8th (Sat);
- Daily meeting from Dec.8th (Sat) to Dec.16th (Sun) for approximately 5 hrs/day;
- Complete first version of the entire program by Dec.15th (Sat);
- Finalize and double check program details on Dec.16th (Sun);
- Meet with instructor for group presentation on Dec.17th (Monday **9:30 AM**) [bring a folder containing printed hardcopy of the entire finalized program];
- Finalize project and submit zipped documents & labor division (pdf) on Cyberduck by Dec.20th (Thur).