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Software Development I

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Project Milestone

This paper is an analysis of the Computer Science student phonebook. I plan on making my final project a computer science student phonebook for students to use that is categorized by what class they are in, what classes they have taken, and whether you may contact them regarding questions. Hopefully, with this program Marist college can help the community of Computer Science majors help each other using teamwork, a large portion of today's computer science jobs. In addition, this may help blend the relationship between lower and upperclassmen, even though this current version This application will need to access the Marist Computer Science database and the individuals per grade. Instead of gaining access to degree works to learn the classes taken, I plan on just having the normal classes taken for freshman and sophomores. The app will produce a chart of students in your grade with the student names going down and the classes likely for a student to take that year. If there is a check next to the student, under the column of the class. That student is either in the class currently, or has already completed it. This will encourage study groups and a better learning environment for the incoming freshman with no friends and no resources for help.

System Description

The system will first ask the user if they would like to start with a chart view of individuals in their current class. The chart displays just the student's name. If you wish to pursue further information, the program prompts the user to enter a student's name, First and Last. User is also prompted with an exit

program question at each output. If a name is entered it reprints their name, and if the student has given approval on being contacted it will also print the email, if not the program reads "I'm sorry this Student has asked not to be contacted regarding questions...". Following the email, is a list of classes they have taken. I would also like to have the email as a live link that automatically opens the mail application on the user's computer.

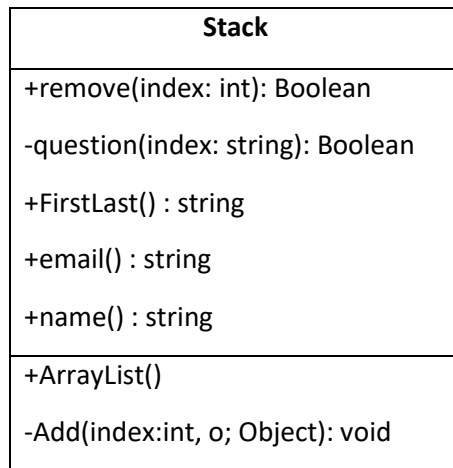
Requirements

There are no physical requirements for this program to run besides a computer with any operating system.

Literature survey

In context to phonebook applications there are tons out there. The most used one I can think of is the "Contacts" application used on the Iphone. At the application launch the software displays a list of contacts to scroll through with a search bar at the top. My program will be similar but with no telephone information. This program is unique because it displays a list of classes taken by the students making it very useful to college students.

UML Diagram



Conclusion

In conclusion, this paper covers the logistics of the Marist Student Phonebook or Foxbook. It is a useful software because in many computer science jobs today, teams are initiated to make tasks more effective. There should be more of this type of Student to Student teaching at Marist college, and through this app, that can be achieved. In addition, it is a useful resource for class mates throughout the year being able to contact each other regarding assignments. If you build good relationships in the classes you can see what each person has taken, and plan your schedules accordingly to line up future endeavors.

Bibliography

No scholarly resources were accessed in the making of this project.