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CIS451

9 December 2016

# **Final Project Report**

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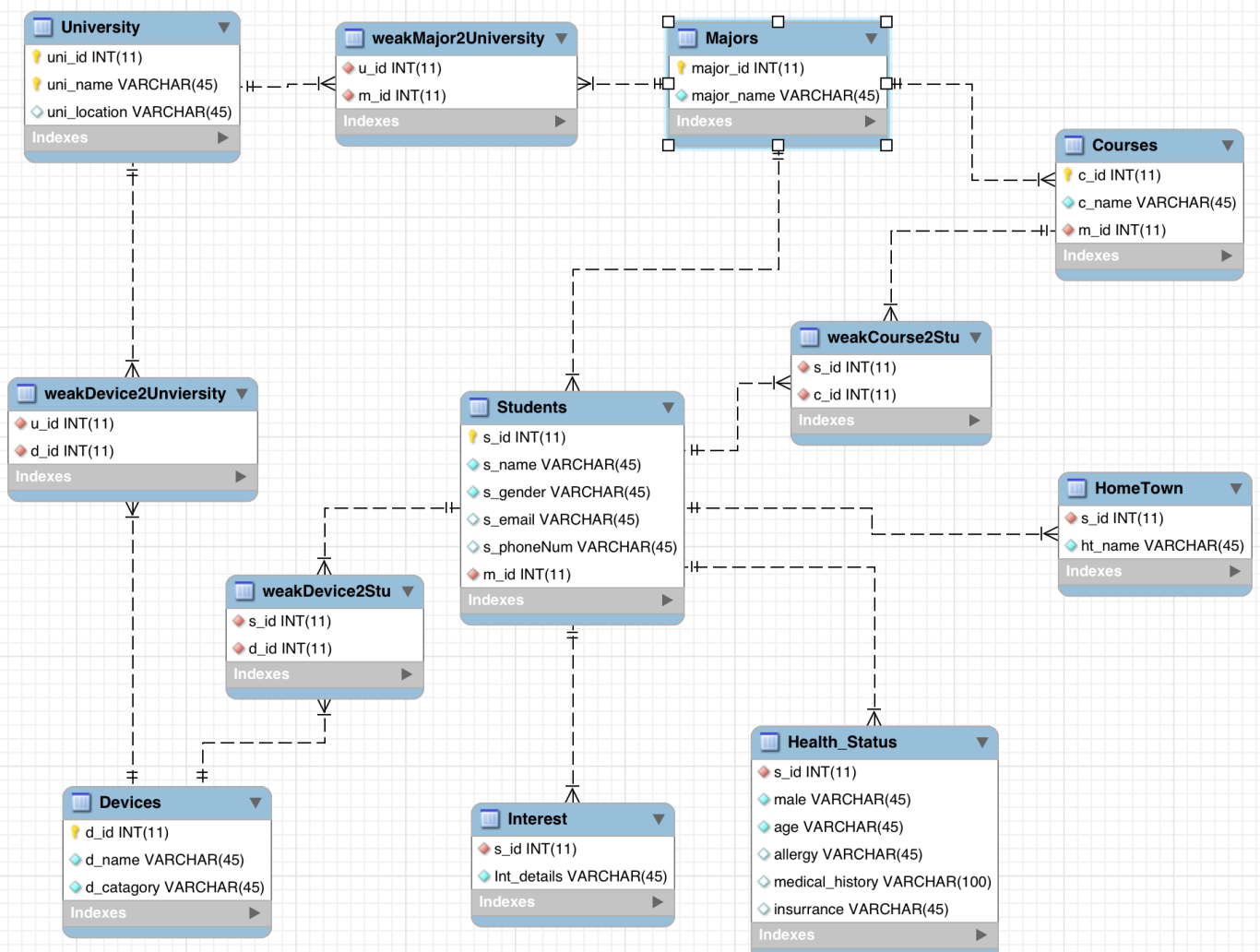
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# URL

[https://ix.cs.uoregon.edu/~gilio/cis451/final\\_project/mainpage](https://ix.cs.uoregon.edu/~gilio/cis451/final_project/mainpage)

## Logical Design



# Physical Design

There are 12 Tables:

University: uni\_id, uni\_name, uni\_location

weakMajor2University: u\_id, m\_id

Majors: major\_id, major\_name

Courses: c\_id, c\_name, m\_id

weakCourse2Stu: s\_id, c\_id

Students: s\_id, s\_name, s\_gender, s\_email, s\_phoneNum, m\_id, u\_id

HomeTown: s\_id, ht\_name

Health\_Status: s\_id, gender, age, allergy, medical\_history, insurance

Interest: s\_id, int\_details

weakDevice2Stu: s\_id, d\_id

Devices: d\_id, d\_name, d\_catagory

weakDevice2University: u\_id, d\_id

## List of Applications

Applications:

1. You can play a default music in my website via SoundCloud
2. There is a bar you can input numbers from 1to14(student's id number), then after you input a number, you can go to another page to get the information of that student.
3. There is another selection bar that you can choose a university in my database, after you choose it, you can find this university's information.
4. After you go to school information page, the title will be automatically updated.
5. I changed the back ground color of each page, and create tables to show the information.

# User's guide

When you go to my main page, you can click "Play" Button and listen the default music via SoundCloud.

Due to the limit of numbers of students in my database, and there are only 14 students here, so you can only input a number which is from 1 to 14 in my first bar to search it.

## Contents of tables

[ix.cs.uoregon.edu/~qilio/cis451/final\\_project/mainpage](https://ix.cs.uoregon.edu/~qilio/cis451/final_project/mainpage)

## Implementation code

Main page: [https://ix.cs.uoregon.edu/~qilio/cis451/final\\_project/mainpage.txt](https://ix.cs.uoregon.edu/~qilio/cis451/final_project/mainpage.txt)

Student Page: [https://ix.cs.uoregon.edu/~qilio/cis451/final\\_project/Student\\_info.txt](https://ix.cs.uoregon.edu/~qilio/cis451/final_project/Student_info.txt)

University Page: [https://ix.cs.uoregon.edu/~qilio/cis451/final\\_project/University\\_info.txt](https://ix.cs.uoregon.edu/~qilio/cis451/final_project/University_info.txt)

## Conclusion

I have created a basic students and university information database. In my database, there are some basic information, like majors, courses, habits, hometown, health status and device information. After I finished my database, I found that html and php is not so easy to handle. So I did not pay much time to cover all of my data in my database, there is still some data not be used. Besides, my website are very limited because you can only have two choices to choose what you can choose. So If I have more time to do my project. I will pay more attention on my php and html. I will allow users to do more searches of my database. And also, I will allow they to do some further action after they get the results of searching. For example, if they search University of Oregon has a device IMac, it will allow they to search who or which other University also has this device.