ICS 4U1/3   4 Term Project Program Proposal

Your team has been hired to create a database to make your client's life easier. The client is unsure of what they want as the focus of the database but they do know there are very specific features needed to make them happy!

This database may be used at home or at work (as a teacher there are MANY things that need organizing!!!)

Term Project Parameters

- every team will design a **unique database** which must be approved by the teacher
- all coding will be **original** and done by both of you during this course from this date forward
- all coding will be done in **Java**
- projects must work in Dr Java
- graphics must be **original**
- each team member will contribute to the **plan**
- each team member will contribute to the **coding**
- you must know everything about your program
- someone will assume the duties of team leader
- someone will assume the duties of team spokesperson
- all due dates will be met or a zero will be automatically given
- team membership cannot be changed during the course of this term project
- once approved you cannot change your database after the proposal has been approved
- projects cannot be duplicated within or between classes

Get approval of the database idea before submitting this preliminary proposal by **May 9, 2014**.

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The program must be/have:

1. Password protected with **at least** two different levels of access: user and guest

2. Ability to change passwords.

3. Splash screen - unique graphics, client company name & logo

4. Full menus - errortrapped (ie. items must be unavailable if certain criteria are not met) with control key access.

5. At least two distinct user input screens differentiated by access level.

6. Multiple report views (more than two!) at least one using JTable.

7. Able to print to a printer. **NOT** a screen dump but properly formatted text!

8. Able to search and sort data.

9. Clear error messages. (Program should be 'uncrashable!")

10. An integrated Java Help file with proper index html, About dialog with author details, company logo.

11. A user manual with screen shots, clear instructions, temp user password.

12. Appealing graphics/screen design.

13. User friendly/usability.

14. Able to create/open data files with different names!

15. Installation program from CD to a computer.

16. Executable file which loads the application. (This could be a jar file.)

Your company's proposal must include:

- the purpose of the program
- an overview of its capabilities based on the information provided above

Get approval of the purpose before submitting this preliminary proposal by **May 9, 2014**.