

## ICS 4U1/3 2 Term Project Requirements & Due Dates

### Planning & Development Stages

6 Marks

Project planning and development will be divided into the following components:

Assignment	Due Date	Mark
1. Team Contract	<b>May 8, 2014</b> (end)	<b>.5</b>
2. Project Proposal	<b>May 9, 2014</b> (end)	<b>.5</b>
3. Client Contract	<b>May 12, 2014</b> (end)	<b>.5</b>
4. Division of Tasks	<b>May 14, 2014</b> (end)	<b>.5</b>
5. Basic plan	<b>May 16, 2014</b> (end)	<b>.5</b>
6. Plan 2	<b>May 26, 2014</b> (end)	<b>.5</b>
7. Final Plan	<b>June 2, 2014</b> (end)	<b>1</b>
8. Final Report	<b>June 11, 2014</b>	<b>1</b>
9. Monday Plans & Friday Reports	All in	<b>1</b>

Each plan must be approved by the client. It must be **signed and dated to receive marks!**

All of these assignment are evaluated on an “all or nothing” evaluation. Based on the criteria determined by the class, each group must submit **everything** completed properly. **If a component is incomplete or not submitted on time, it will be a zero!**

### Due Dates

There are **no extensions or lates** on due dates listed above. **All project components are due by the end of class.**

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### 4 Project Versions

1 Mark

Each version will be kept in a separate folder which will be dropped each Friday at the end of class by your team.

Following the following handouts:

1. Version Formats
2. JavaDoc conventions (so you **don't** have to fix it all later!)
3. Clearly states author's name in each file
4. Clearly state the author of any modifications.

The JavaDoc of each file should list the following:

- Comment section on every file should list all changes made with author, dates, version numbers and number of hours
- explain **new** features/processing (if a method has been added, then describe the method, if something has been changed within the method, then comment it)

You are responsible for dropping **a zipped version** of your project each week. The versions are due at the end of class and will be considered not submitted after that time.

Suggestion: Create a user id on github so you can do version control with your partner(s).

<https://github.com/>

<b>Version 1</b>	<b>Friday May 16</b>
<b>Version 2</b>	<b>Friday May 23</b>
<b>Version 3</b>	<b>Friday May 30</b>
<b>Version 4</b>	<b>Friday June 6</b>

All Java files will follow version conventions for internal documentation.

**NOTE:** If the final project is not submitted on time the **last version submitted** will be taken as the final version and evaluated as such.

Folder will be called: ***CompanyNameDate.zip***

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### Final Submission

23 Marks

Component	Due Date	Mark
1. Final Program	June 10, 2014	20
2. User Manual (hard copy)	June 10, 2014	2
3. JavaDoc	June 10, 2014	1

### Final Program Breakdown

20 Marks

This must be an executable file! Your program will be properly organized into folders. Everything will be burned on a CD except the manual. This includes: source code, graphics, data files, JavaDoc and anything your program requires to work. Name it your program name. Ensure that all program files are within your folder. **Include several data test files.**

### User Interface

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1. Password protected with **at least** two different levels of access: user and guest
2. Ability to change passwords.
3. Full menus - errortrapped (ie. items must be unavailable if certain criteria are not met) with control key access.
4. At least two distinct user input screens.
5. User friendly/usability.
6. Clear errortraps and error messages. (Program should be 'uncrashable!')
7. Splash screen - unique graphics, client company name & logo
8. Graphics/screen design.

### Program Organization

/5

1. Follows all programming conventions.
2. Logical processing
3. KISS, redundancy
4. Installed project organized into folders with only an exe or jar visible at the root
5. Class organization
6. Readme/installation/startup instructions

### Specific Program Elements

/5

1. Includes multiple data test files and clear data classes!
2. ArrayList & arrays, search, sort
3. File IO - open, save, print
4. Printer - can print a simple text file. **NOT** a screen dump but properly formatted text!
5. Multiple report views (more than two!) at least one using JTable.

### Other Features

/5

1. Installation program from CD.
2. Executable file which loads the application. (This could be a jar file.)
3. 4 Versions - one every Friday to show progress over time - including JavaDoc.
4. Integrated Java Help file with proper index html, About dialog with author details, company logo.
5. Inclusion of data files for testing purposes.