Design Document

Methods and Tools in SW Development

**I. Group Information**

Group Number: <insert number here>

Group Member names/netIDs:

* <insert first and last name here>
  + <insert netID here>
* …

What classes are you going to have? Explain why.

<answer me!>

**II. Detailed Class Diagrams**

| Class name |
| --- |
| data |
| functions |

* Function 1 - explanation
* Function 2 - explanation
* …

\*\* each detailed class diagram should be on its own page!

**III. Menu Information**

Before login:

* Login
* Create Account
* Exit Program

After login:

* …
* Cart Information
  + Go back
  + View Cart
  + Remove Item from Cart
  + …
* …
* Exit Program

Does your menu cover all requirements given? If not, explain why certain requirements don’t have a distinct menu option?

<answer me!>

**IV. Information Storage**

How is your group storing information?

Include one of these lines of questioning based on your storage schema:

* If a database, what kind of database?
  + How many database tables will you have?
* If files, how will your files be format?
  + How many files are you going to use?

What information are you going to store in each (table / file depending on schema)?

*Sample Answer:*

* *Users*
  + *First name*
  + *Last name*
  + *Username*
  + *Password*
  + *…*
* *Cart*
  + *Item ID*
  + *…*