8.0 Detailed Design

8.1 Component and Component Selection Process

What software components were chosen for the major parts of the project? Describe the process

you went through for picking the components for the project, i.e., what trade-offs (availability, cost,

ergonomics, and features) were the driving factors. **This could potentially include how we will  
Layout the screen, with the main graphic on one side and the options a player can choose   
(or their actions on the other side) for ergonomics. For example, if we put graphics on left  
And actions on right since most people are right-handed?**

8.2 Object Oriented Design

Describe the objects that will be used in the project by way of a Class Diagram. For each class,

list the name of the class, the private properties of the class, and the methods utilized to access the

objects of the class. **This will probably require us to do some coding to fill in.**

8.3 GUI Design

If the project utilizes a GUI, provide a layout description, such as screen shots, for each GUI

within the project.

8.4 Database Design

If the project utilizes a database, provide a layout description for the database. This should include

a description of each of the columns for each table in the database. It should also indicate which

Database Management System will be used in the project.

8.5 Use Case Definitions

**I think we should make charts here for the possible user inputs in each scenario and   
anatomy quiz showing the chain of events that will take place. This is probably where most  
Of our detail will be.**

Provide a Use Case for each input into the system whether it be from a User or from another

system. It should state for each Case, what the input was, what processes it went through in the

system, and what the resulting output of those processes were.

8.6 Interface Design

Describe and provide a layout for any interfaces in your project. The interfaces may be

inputs/outputs between software/hardware, or inputs/outputs between software systems.

8.6 Test Procedure

Describe your experimental test procedures. Be specific on how you intend to evaluate/test your

project. This should be a well thought-out procedure with details on how you will test the parts for

meeting the customer’s needs. This is not just a basic statement stating that the parts will be tested to

meet some customer requirements, but a list of detailed steps of how you will test your project.