

# ***Work Report***

***(22/07/02 – 28/07/02)***

By Rui Tu

During this period, I began to complete the tasks assigned in last meeting. The most works went on very well. The progresses are detailed as following:

1. I have change the manner of the recording forms about each bone according to the superior's direction. It makes the form more clear and direct. At the same time, I have set the default value to each option in the form. This is convenient for user's manipulation.
2. I have changed the format of the recording file. The new format will not need to create a new directory any more. All recording information of a human skeleton will save in one XML file. I have changed some java source codes and made these programs to read and write for this XML file.
3. I have received the email from Ms. Brooke Magnanti and known the option requirements about each bone. I have created some separate forms for each bone according to these option requirements. And I will continue my work to complete each form.
4. I have written two JSP pages and created a MYSQL database. The database will store the user information and the JSP pages will provide the function that make the user may login and use this web-based system.
5. I want to change the application to applet and update it to the server of our department. But I met some problems. Through my test, I think this problem is the result of the security restriction of the Applet. The applet cannot ordinarily read or write files on the host that is executing it. But this system must read some WRL and XML file to create the 3D representation of the human skeleton. At the same time, the system must read and write to some XML file to record the information of special skeleton. Therefore, I need to find some methods to work around this security restriction of applet. If you can give me some advice, it will be very helpful to my work.