Appendix 1: Client Interview

1. What are your current methods of determining a team?

There are two types of data used in evaluating the players. The first are our coach observations, and the second is the results of games played between the players. The coach observations will be in the form of criterion, as shown in **appendix 2** where for each criterion the coach will give the student a grade from 1 to 10. The higher the grade, the closer the student is to achieving the criterion, with 10 being complete mastery of the criterion and 1 being non-existent skill. The game results have two important parts – the players playing the game and the scores of the game. The criterion scores are more important, with the game results being used only to sort between similarly skilled players. In terms of criterion, it should not just be a simple sum of their grades. The program should develop a player profile, like if they move fast and have good placement they are better for singles and if they smash hard but move slow they are good for doubles. In terms of scores, the program should only consider scores between similarly skilled players, as scores between players much better or much worse are very extreme and random and may misguide the program.

2. What is your current method of recording this information? Do you feel the method works well or is there something you would like to change?

I fill out the criterion for success myself, along with an assistant coach sometimes, because we are the only people who can judge other students that well. This recording is done on paper, with separate pages for each of the player, and many times multiple pages for each player if player skills change over the course of the semester or season. The students themselves fill out the game results, with a separate sheet of paper for each court being used. These sheets are collected at the end of each day and new sheets are put up.

3. Do you feel students are honest in entering the data? Do you think there will be arguments if they are given complete control over data entry?

Yes. I feel that students are honest in entering their game results, because if students can see the game results themselves they can check if all the results of their games are correct. Of course, if students have an argument, they can come to me. Sometimes, I assign a monitor for courts to make sure game results are recorded correctly.

4. When recording the results of the game, what information would you like to record?

I would like to record only the names of the players on both sides and the scores of the players. Any details the players can tell me individually.

5. Does the team change depending on how the players perform after team selection?

Yes. I would also like to be able to track the changes in the player's performance over time and see this in the program.

6. What reports should the program generate?

The program should generate two types of reports: the first should be team reports, and the second player reports. Team reports are for viewing by coaches, and contain

various rankings and divisions of players. Firstly, the program divides players into girls and boys. Because of the way badminton and tennis teams work, girls and boys teams are chosen separately, each with a set number of players. Then, the program ranks players on three criteria: singles skill, doubles skill, and mixed doubles skill. Finally, the program creates a list of players sorted by what position the player should play. An example list is **appendix 3**.

7. Are there any rules as to who can play on JV/Varsity?

Yes. I have to make the JV/Varsity teams based on MESAC rules. These are that JV players must be under 16 years of age and varsity player cannot be in 8th grade.