DFD Explanations

1. Ask/Read profile information
   a. The program is responsible for asking the user for information such as name, email address, and phone number. Then the user will submit that data
   b. The system will then pass the information on to start the interview page break and the user info database
2. Start interview page break
   a. Once all preliminary information has been collected, the system will print out "*****" 's and indicate that the interview process has begun
3. Question Database
   a. Responsible for sending out the appropriate questions to the different question types to allow for a variety of questions to be asked
4. Technical Questions and Responses
   a. The system will ask general questions about the job such as "How do you feel working in large groups?" or "How do you feel about self-management?". The user will then submit their answer.
   b. The system will ask questions regarding the technical aspects of the job: "Do you have experience with C++?". The user will submit their answer.
   c. The system will then ask questions regarding their personality based on the TRUE COLOURS test. Multiple choice questions that will profile the user. The user will submit their answer.
5. Good, Bad, Really Good and Really Bad Database
   a. Stores lists of predetermined words that are good to say in an interview and some that are not good
      i. Good – worth 1 point
      ii. Bad – worth -1 point
      iii. Vulgar – worth -500 points (so no chance of being accepted)
6. B Option evaluation
   a. Output of either hire or not hire
   b. Look at the user's responses and judge them based on the good, bad and vulgar things that they have said
7. Top 10 database
   a. Database storing top 10(ish) best and worst things to say in an interview
      i. Really Good – worth 3 points
      ii. Really Bad – worth -3 points
8. A+ option evaluation
   a. Includes the B-Option evaluation database words and points

    b. As well as info from the top ten for evaluation

    c. Considers personality as well. Top 2 personality types are good and allow for a lower score (10 or greater). Third option requires (15 or greater) and fourth is not accepted because they are not a good fit in the team.

9. Good/Bad Examples from what the user has said in their responses

    a. Stores the good and bad things that have been said to provide feedback later

10. Give Feedback

    a. Only reachable though A+ evaluation (the one that is implemented)

    b. Allows for information of where the user performed well or poorly to be given to the user as output in order to provide feedback

11. Display Decision/final results

    a. Tells the user the final output of being hired as determined by the evaluations

    b. As well shows the feedback that was gathered