Android AI Diet Consultant

The online artificial dietician is an application with artificial intelligence about human diets. It acts as a diet consultant similar to a real dietician. This system acts in a similar way as that of a dietician. A person in order to know its diet plan needs to give some information to the dietician such as its body type, weight, height and its working hour details. Similar way this system also provides the diet plan according to the information entered by the user. The system asks all this data from the user and processes it to provide the diet plan to the user. Thus the user does not need to visit any dietician which also saves time and the user can get the required diet plan in just a click. The project also has a login page where in the user is required to register and only then can view the availability of blood and may also donate blood if he/she wishes to. This project requires internet access and thus there is a disadvantage of server failure. The system will give more accurate results as it accepts the data entered by the user and processes it depending on some metrics already known to the application on the basis of which a diet plan is generated and ask the user if the user accepts the diet plan. If not accepted the system may also give and alternative diet plan.

Software Requirements:

- Windows Xp, Windows 7(ultimate, enterprise)
- Android Development Toolkit(ADT)
- Visual Studio 2010

Hardware Components:

- Processor – i3
- Hard Disk – 5 GB
- Memory – 1GB RAM
- Android device