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Java Program and Documentation

1. Infinity Solutions is the company name.

2. Pseudocode

- At the beginning of the program, I will initialize the variables and strings to hold both of the variables for the gym training programs. Each name of the training program will be held in the string variables and the price for each membership will be held in the double variable.

- The user will have an option to choose one of the memberships in the form of a switch statement.

- There will be two classes that take in the training program and store it in the class and one to hold the prices.

- I will use an array to hold all of the people that want a gym membership.

4. Gym with Training Programs is what I chose for my program.

3. Program Documentation

I am creating this program for gyms to provide a service for people to sign up for a gym membership online. This would make it much easier for people to have access to a gym membership rather than having to deal with the hassle of going to a location and signing up. I think this is a physical barrier that may prevent people from signing up for the gym in the first place. This will help people making the change to physical fitness have an easy experience with the sign-up.

The purpose of this program is to provide an online sign-up for gym applicants. It will be set up like an online shop where the applicants can pay for their membership online with a credit or debit card and start their membership without even going into the gym to finalize paperwork. This is the way of the future when it comes to signing up for memberships. There is no reason for someone to come into a gym to register when they can handle all of it online. It takes a lot of the stress out of the situation.

The business function of this particular program will allow the gyms to reach a larger audience and get more people to sign up possibly. I will try to make a design that allows for an extreme ease of access that will cause people to come back. This is something that I have personally wanted out of gyms for a long time because every other service that is offered usually has a way to sign-up or cancel online. Gyms seem to be the only service that requires you to come in to handle these matters. I really would like to change this.

The technical function that it would have for this company would be that it would allow for the company to have a greater online presence. They could expand their sign up on their

website to a fully fledged out website that could have all kinds of information about the gym and

special deals that they are having. There is a lot of room for improvement.