CMSC243: Systems Analysis and Design

Assignment 1: Business Information for Family Health Care

Jayne Rogers

In your own words describe the system the client has requested. 2 points

They would like to have the patient fill out the forms electronically to expedite the patient intake time

In as few words as possible, give a name to the system. 2 points

Patient Intake System

Who are the users of the system? 2 points

Patient, receptionist, doctor

Using the terminology from the text, describe what type of system this is. 2 points

Transaction processing

What are some of the processes you think the system will require? 2 points

Login, present forms, check form for completeness, update patient information

Does the system support any of these categories: ERP (Enterprise resource planning), transaction processing, business support, knowledge management, or user productivity? Why or why not? 5 points

Checking the time from start to finish would give us information about how long the process takes, also the start time would tell us the busiest times. Not having the receptionist type the form increases productivity.

Create a business profile for the company. Be sure to indicate areas where more information will be needed. 10 points.

Business Profile: HealthCare Now

General Business Information

Business name: Health Care Now

Address: 87 Observation Drive, Gaithersburg, Md 20879

Phone: 301-555-1234

Website: HealthCareNow.com

Contact: Dr. Stephen Nguyen, SNguyen@HealthCareNow.com

Business Details

Date of creation: Not known

Type of business: Medical practice, family medicine

Key personnel:

- Dr. Stephen Nguyen, Senior Partner
- Receptionists: Not known
- Technical support: Not known
- Nurses: Not known