

Charity V. Emmanuel
Wilhemus R. Ole, Jr.
Sherinata A. Said
Annashar S. Sari

LAB ACTIVITY 04

SOLUTION PROPOSAL

1. List of Problems in the Current Business

- a. Registered Dietitian Nutritionist (RDN) couldn't cater many patients as their current way of doing transaction is in manual mode.
- b. In every transaction, it can take up to days for it to be finished.
- c. There is a poor communication between the Registered Dietitian Nutritionist (RDN) and their patients.
- d. Couldn't handle the time inconsistency of their nutritionist.
- e. Prone to faulty data due to manual computation.
- f. There are cases where face-to-face appointment with a Registered Dietitian Nutritionist (RDN) isn't needed.
- g. Department feels the need to keep up with the modern changes.

2. List of Steps of the Main Transaction in the Current Business

- a. Prior to initiating nutrition services,
 1. Diet/ Nutrition counseling and educating
 2. Specialized meal plans for health conditions.

The Registered Dietitian Nutritionist (RDN) should consider whether a referral is necessary or appropriate.

- b. If the patient qualifies for the type of service, which the RDN works with an individual to assess his or her usual dietary intake and identify areas where change is needed. This will allow the patients direct access the services without the need for a physician referral, but
- c. if the patient qualifies for the Service Specialized meal plans for health conditions like Behavioral Health disorders such as eating disorders, chemical dependency and Cardiovascular conditions, such as heart disease and heart failure, that's the time the client will need to present a photo of his/her referral form from a personal doctor or local hospital that attach the copy of the relevant part of the client care plan.
- d. After Identifying the type of services, it will notify the admin and he/she will check the kind of service/s the patient would want to avail for the approval (Note that Specialized meal plans for health conditions service is the first priority)
- e. After the approval, the patient and the RDN will discuss for the said time and date of the appointment.
- f. Meet with an RDN one-on-one to discuss the patient health status and personal goals.

- g. If the patient prefers to meet virtually, he/she can expect the same from the one-to-one appointment with the RDN, just from the comfort and convenience of home, and at the time of your appointment log onto the link provided. The RDN will start the meeting at the time of the appointment.
3. Objectives of the Proposed Solution
 - a. To provide medical need as soon as possible;
 - b. To provide easier access to Registered Dietitian Nutritionist (RDN) in the time and expense of added visits;
 - c. To provide convenience in various aspects;
 - d. To improve the management of workload and access;
 - e. To provide an alternative means for Registered Dietitian Nutritionist (RDN) to interact; and
 - f. To provide better, faster and cheaper processes for diagnosing, treating, and monitoring health conditions
4. Nominate at least 3 Working titles for your Project/Software.
 - a. WMSU Nutrition and Dietetics Department Consultation Clinic
 - b. WMSU Nutrition and Dietetics Department Active Nutrition Clinic
 - c. WMSU Nutrition and Dietetics Department Taste of Health Nutrition Clinic
 - d. Nutrition on the Go (WMSU Nutrition and Dietetics Department)
 - e. Clinical Nutrition Program (WMSU Nutrition and Dietetics Department)
5. List of Main Features/Functionalities of the Proposed Solution
 - a. Booking system in setting up concern
 - b. Appointment system before consultation
 - c. Provide consultation either online or physically
6. List of Steps of the Main Transaction in the Proposed Solution
 - a. Customer books an appointment (online via web booking,). Here, the patient can choose the mode of consultation service they prefer either online or physically, if those are available. Customer receives a booking confirmation.
 - b. Closer to the appointment date, the patient receives a reminder with a check-in link.
 - c. Patient checks in by themselves using the link in the reminder message (staff-assisted check-in is also available)
 - d. After check-in, the patient receives a mobile ticket where they can monitor their place in the appointment sequence. They don't have to be in the building until it's time for their appointment
 - e. The patient is called when it's their turn, and receives the service.
7. Write a narrative convincing your client, contact person, and instructor that your proposed solution needs to be implemented and that your project/software is a viable solution to address the problems of your client's current business problems.

With the fast-paced events of technological changes, modern innovation is highly visible in today's time. Emergence of digital education and online means of communication are only some of the few evidences as to why an online consultation clinic is a great alternative to the traditional way of consultation. The pandemic brought out online means of traditional practices that has been a huge help in dealing with the dilemma. Given our objects, this project will provide better, faster and cheaper processes for diagnosing, treating, and monitoring health conditions. The online

consultation clinic isn't only an answer to the spread of the COVID-19 virus but can also provide easier access and convenience to user that doesn't have much availability. This is a modern solution that will help the department keep up with the modern technological changes.

8. Document all of the activities and submit them in the LMS.