Q.2.(9 pts.)

1) In your opinion, what is the best classical information-gathering technique? And the best modern information-gathering one?

classical information technique → interview or observation ✓

modern information gathering → ~~Work~~ planwork of ٢

2) What are the main requirements validation techniques? نقاش (4)
نقاش/اجتماع

- record the section and g write after section note or report of the section
✗
- number of people oh the meeting - type of the project bigger or complex,simple
- if we needed to ask the domain expert to declar requirment

3) What is the aim of examining project viability? What are the main factors to consider in this examination?

aim of examining project ~~to~~ is to enchure ~~if the~~ exactly the customer need and if the project need to buildit
✗
- main factor is number of people of section and the time or place of section, if it increment or the system is exisiting

Q.3.(5 pts.) Define in your own words the following terms briefly:

a) Stakeholders → individual,group, organization can be affect on the system ✓ in outcome or income affect. example, developer - client - QA people domain expert

b) Feature a service that provide the system to perform requirment ✓ or system

(5)

c) Requirements Elicitation discored requirment to put in the system and define the problem, constriant, condition or function of the system ✓ determine the cost or time of the system

d) Requirement ✓

the service or constaint we need to system to provide performace or function and divide into two ٨ functional requirment and it action to be perfomed of the system, constriant and condition must bee perform nor functional requirment is the constriant of the service example of Requirment → response time, user interface, Accuray

d. Define the **Customer or Market Needs**.
- fast system and clear
- save the blood on the correct place ✗
- correct information and dant miss any thing of client information

e. Define the **Business Risks**
✗ - combination the blood
✓ - problem on system of GPs or security of the information of the client
- dait define the correct information - available a lot of blood and
no place to putit

f. Fill in the following **vision statement** template for the above scenario

For donner and people who like to donnet / clinic or hospital
who for fast system to donate blood and save the blood in the correct place
section
✗ the Blood Bank system
is a system to help people to donnateor donner a blood and find blood fast
that is asystem reduce time of searching for the right donner or avalability of
blood required and support the person who need blood to put request of blood wanted
unlike fast, avialable blood list of, can you request and Tracing the Doner place
our solution ✗

g. List three **user requirements** for the above system.
functional
- log in-screen
- information manggment   - information of client mangement
✗
-clear or correct requst information

- Tracing system ✓

h. List and justify three **non-functional** requirements that could be important for the above
system.

- security   - usability - relaibilty
✓ - security ⇒ the important thing in the system to save the information of the
user and each location, medical information, personal information

- usability ⇒ easy to use system from the older people and design the
system simple and not complex [3] and avaliable guide user for using system
- relability ⇒ the system must must be have a high security of ifromation
and have the system caredo information and dont confilct it, and complete information

Q.1.(16 pts.)

A Blood Bank system will be developed so that users can view the information about registered donors, such as name, address, blood group, and other medical information. The system also has a log-in page wherein the user is required to register and can only view the availability of blood and may also register to donate blood if they wish to. فى أى، الصفحة بشوفو فقط، الدم المتوفر أو التبرع

The main aim of developing this system is to reduce the time of searching for the right donor and the availability of blood required. Main Features of this system: 1) User log-in: This allows only the registered users to log in to use this location tracking application. ممكن مرت مكان الشخص المتبرع   معلومات المتبرع   2) Donor Details: This module helps the donor to insert all the necessary details, such as personal information and medical information, لادخال المعلومات الضرورية   plus the blood group, which together helps to select a donor, 3) Needed blood details: If the user did للشخص المحتاج دم   not find any matching donor, s/he may fill a request blood form where the details will be added to the urgent and required blood list, and the system will automatically inform him when a new donation is يتم اضفت المعلومات في حفظة السهم   matching the request.

– بيشوف محلات الشخص المتبرع – نوع الدم ،الاسم ،العنوان – معلومات محبنة
– يهدف لتوفير الوقت اثناء البحث عن المتبرع بناسبا أو الدم المتوفر
– المستخدم يوطين إذا توفر الدم الي يحتاجو بس اقدم طلبة

For the above scenario, answer the following:

a. Define the **stakeholders** of the system.
   - Donor
   - medical staff
   - hostpital section
   - personel who needed blood
   - domain expert
   - hospital of clinic manger
   - patient

b. Define the project's **Business Opportunity**. فرصة عمل

   this system avaicelable to person need blood to find it and
   the person who would to donnet blood to ~~give~~ the need person
   and the system reduce effort and time of the patient and doctors

c. Define the **Business Objective** and **Success Criteria**. اهدف
   - excellent Tracking system exmaple GPS
   - save the blood and use it if the hospital or clinic needed
   - usability system and have the fast or clear interface for a user
   - easy to doctor or person who need blood to find blood fast or request blood fast
   - save the time or reduce it [2]