

# **Chapter 6: Conclusion**

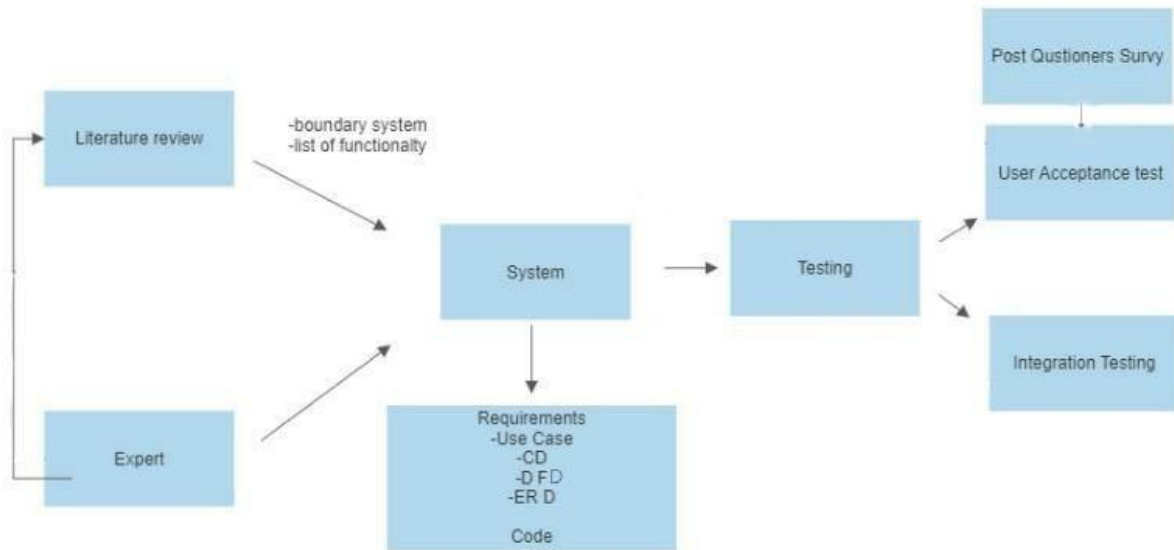
## **6.1. Overview**

This chapter will provide a simple summary of the system as a whole and a glimpse of future work that can be added and developed to the system

## **6.2. Summary**

The Medical Booking System will greatly benefit students, doctors, and university employees and make it easier for them to submit a request to book an appointment at any external clinic or hospital

This project has 3 objectives achieved as presented in section 6.4. The system was developed by using the scrum methodology with 4 sprints each sprint took around 3 weeks. C#, MVC.net, HTML, CSS, and JavaScript were used as programming languages to develop the functionality of the system. For the database side, jQuery DBMS software was used to develop the database of the system. after implementing the system with all its functions, we have validated the system using 2 techniques the first technique was system integration testing and the second was user acceptance test as presented in chapter 5, by the end of testing the system shows that it was easy to use and very useful.



### 6.3. Achieved Objectives

- ❖ **"To understand the current situation of the project scope and problem statement."**

The project was studied and it was found that there is no medical network to book appointments online at the WISE University and other universities. The research was conducted and the problem was understood and presented in *Chapter 2.2. Related business*

- ❖ **"To develop the World Islamic Sciences and Education University medical services."**

The idea was taken to build a system that helps the university develop medical services and raise the level of the medical network. An easy-to-use and understandable system were created, presented and explained in chapter 3.3.1. Functional Requirements

- ❖ **" Validate the medical system to make the booking process more efficient."**

This goal is considered one of the most important goals. The system was shown and used by a group of students then their views were presented on the charts in chapter 5 (5.8 Discussion and Evaluation). This made the system and the booking process more efficient.

## **6.4. Limitation**

We faced many challenges during creating this project as follows:

- There were no similar systems to ours in other universities which made it difficult for us to do a comparison of the new services that our system provides
- The number of samples that tested the system was limited due to the lack of time for students

## **6.5. Future Work**

1. There may be medical consultations in the future that will help all employees and students at the university to maintain their health periodically and follow up on the condition of patients through the system
2. Notification bar and a message sent for the secretary to remind her if there is a new request on the system
3. A weekly or monthly report for the doctor showing the number of requests that have reached the clinic and the number of those that have been accepted or rejected