Chengdu University of Technology Oxford Brookes College

Project Module (CHC 6096)

Weekly Report Sheet - 2023/2024 Academic Year

STUDENT NAME:	Li
STUDENT NUMBER:	Wen Bo(Bob)
SUPERVISOR NAME:	James Blouin
WEEK NUMBER	3
DATE:	2023.11.19

Action plan for the current week:

1. By screening academic articles, completing data evaluation and reporting, addressing security issues in the management system, implementing the code and data environment required for initial registration, interface design, login and exit functions, understanding the requirements that the system needs to meet from the mentor, providing a basic framework, including ideal functional design, initial interface, and future improvements, whether they meet the requirements, and whether they can be successfully tested. So far, people have gained a basic understanding of their data models and solved unnecessary troubles in advance through different testing methods.
2. Complete Function Three: Regarding the screening and management of patient information by hospitals, screening and evaluating different types of patients, allocating them appropriately, completing data patterning and structuring, comparing models, selecting suitable models for the system, completing code testing and compilation, and solving unnecessary troubles

Challenges and issues encountered in the week:

1. I don't know how to design allocation and management functions. These types of functions are generally recursive, and the design of functions requires different tests. When finding efficient, convenient, and effective calculation functions, there are many troubles to deal with, as well as difficulties in selecting data models

2. How to design a complete user complaint function, such as designing an email function for complaints, a phone function for complaints, or communicating with users online? There are difficulties in selecting and designing these functions

Action plan for the next week:

1. Design a complete complaint section design, including information screening, which users can use in several ways, including online, phone, email, and design a complete process. When evaluating data, it is necessary to conduct a problem interview to solve the root cause of the problem, ensure the feasibility, efficiency, and no discrimination of the function
2. To solve the design of basic equipment management functions in hospital systems, including the management of ambulances, wards, empty equipment, or other basic equipment, arranging and organizing them so that they can be scheduled anytime and anywhere when needed. This requires designing a reasonable framework, including data processing and solving other problems
3. Complete the Backlog and send it to the supervisor
a. Pack as much as you can
4. Create a to do list
a. Create a list of all tasks
b. Classify tasks

c. Set version plan for each task.
Supervisor Feedback: **As we can see, the screening of data models requires different tests and comparisons, or other necessary operations, including model screening. How to obtain an efficient and helpful model for users or managers requires us to test it. In addition, the customer system is one of the important functions, which can help patients and doctors engage in dialogue, improve medical efficiency, and understand the patient's condition, In addition to designing a complete function, we also need to evaluate its feasibility and not neglect the basic direction of the data in order to complete the task**