
Requirements Gathering and Analysis Report

Project Name: Go!medicine

Team Name: WaterFly

Team Member:

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Project Description

Situation/Problem/Opportunity

There are huge amount of medicines here in hospital and it's hard to manage all the information about all these medicines manually. As a result, a system to manage the stock of medicines is urgently needed for hospitals.

Our project is targeted to provide an easy-to-use system to manage medicines. This system is used by our clients through the websites we build with a clear and simple UI.

Potential Target Customers

doctors/managers of hospitals/nurses/patients

Our potential customers can be ranged form people who work in hospitals, such as doctors, nurses and inventory managers, to patients who need to get some basic instructions of taking medicines. They all can get useful, necessary and accurate information from our system.

PURPOSE STATEMENT (GOALS):

The whole system is driven by the database system we specially design for our purpose, which is easy to access and edit all the data about the medicines in the system. The whole project will provide the following functions:

Medicine search: We offer our users plentiful options of searching a kind of medicine or a particular medicine. Lots of filters will be provided for our users to select the medicine they exactly want. Patient can use this tool to get the information of the medicines.

Stock Management: The purchase time and shelf life of a batch of medicines will also be registered in our system so that our system will help to arrange the distribution of medicines in stock and remind users to deal with past-date stuff.

Reminders: Because of the rich information we saved in our system, we know exactly when and how the medicine should be taken by patients. We will let users create their own profile so that we will remind our users to take their pills regularly and correctly.

POTENTIAL RISK AND DEPENDENCIES:

We should be aware of the multiple attributes of the information and several attributes to uniquely identify the medicine we can provide the accurate search result for our customers.

There will be multiple users accessing our systems in the mean time, inventory managers and doctors, we should know how to keep the information the users get up to date.

Requirements Descriptions

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There are four type of user to use this system. System manager, stock manager, doctor and patient. The system shall have the function that allow users to log in, log out and update user information which are require to access this system.

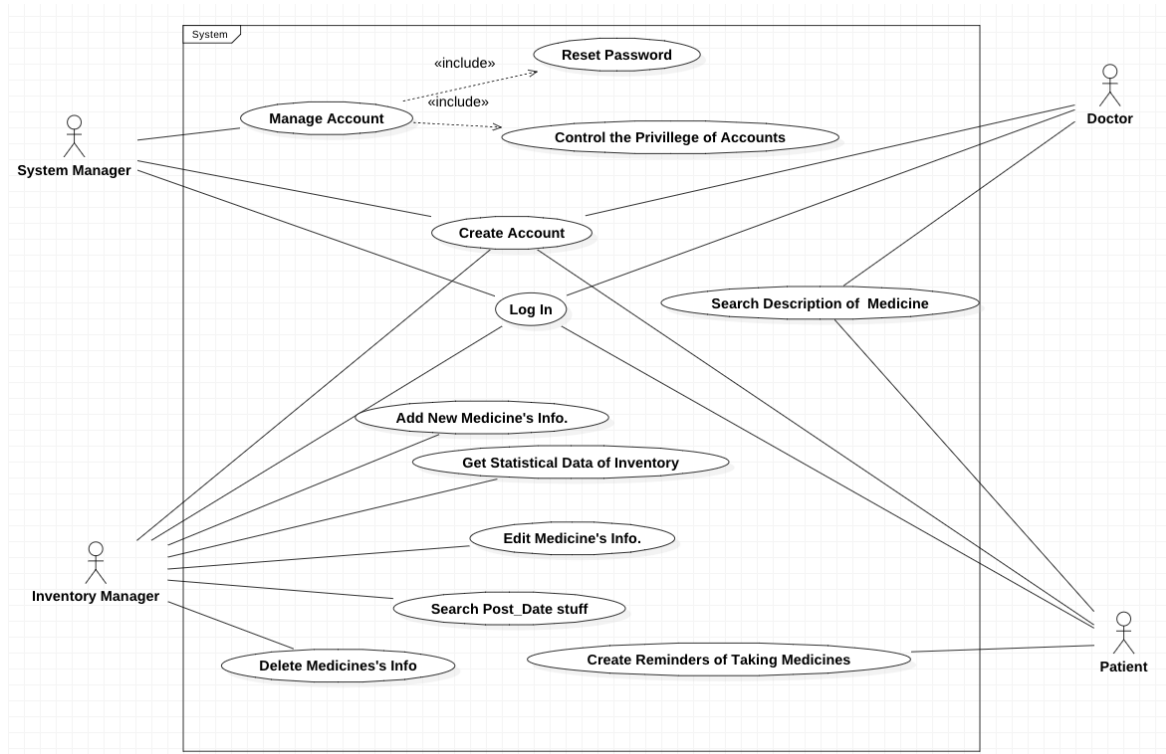
The system should allow system manager to maintain account information like privilege and password.

The system should allow stock manager to maintain medicine stock information like update medicine information and searching for post data medicine.

The system shall allow doctor and patient type user to use the function of searching for some kind of medicine.

The system should allow patient to create the taking medicine reminder.

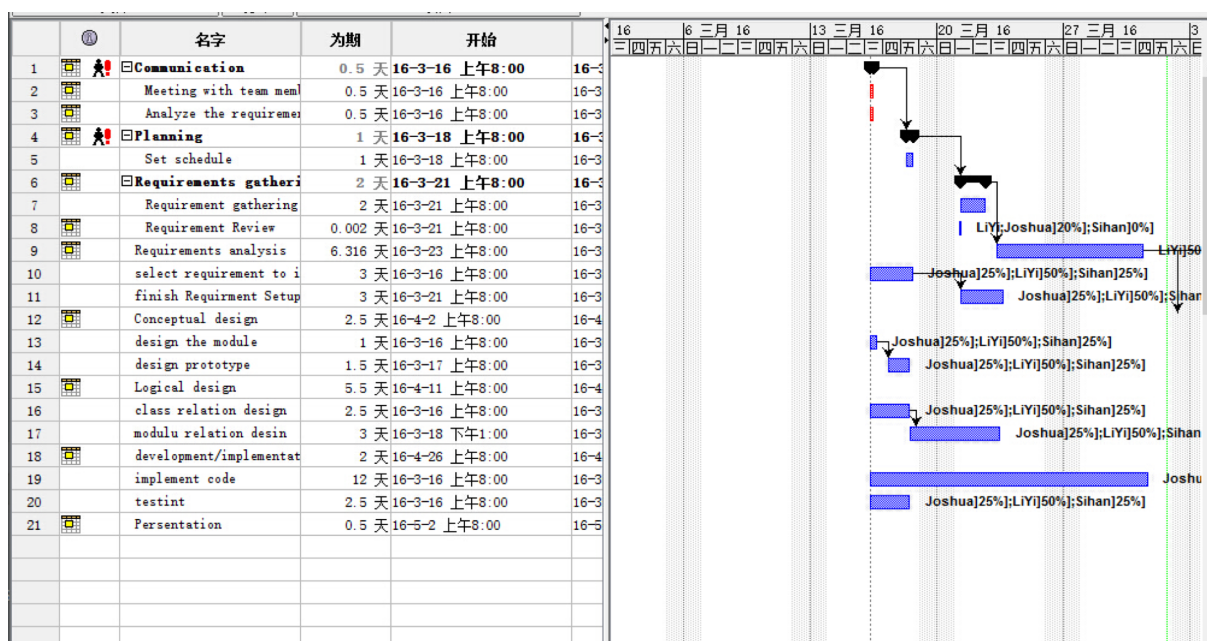
Requirements Analysis using UML



Interface Requirements with Other Systems

Different hospital department can use this system to manage medicine information. Doctor can use this system to make up a prescription. The hospital financial affairs can use system's stock information to trace finance, etc.

Project Schedule



Meeting Log

No	Date and time	Duration	Location	Discussion topic	Attendance
1	3/31/2016 10:00am	20mins	Zhengxin Building	requirements of our project	ALL
2	4/1/2016 10:00am	1.5hours	Zhengxin Building	schedule of our project	ALL