

# **CHILDREN CARE SYSTEM**

## **Project Assignment Requirement**

– Hanoi, May 2021 –

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## 1. Introduction

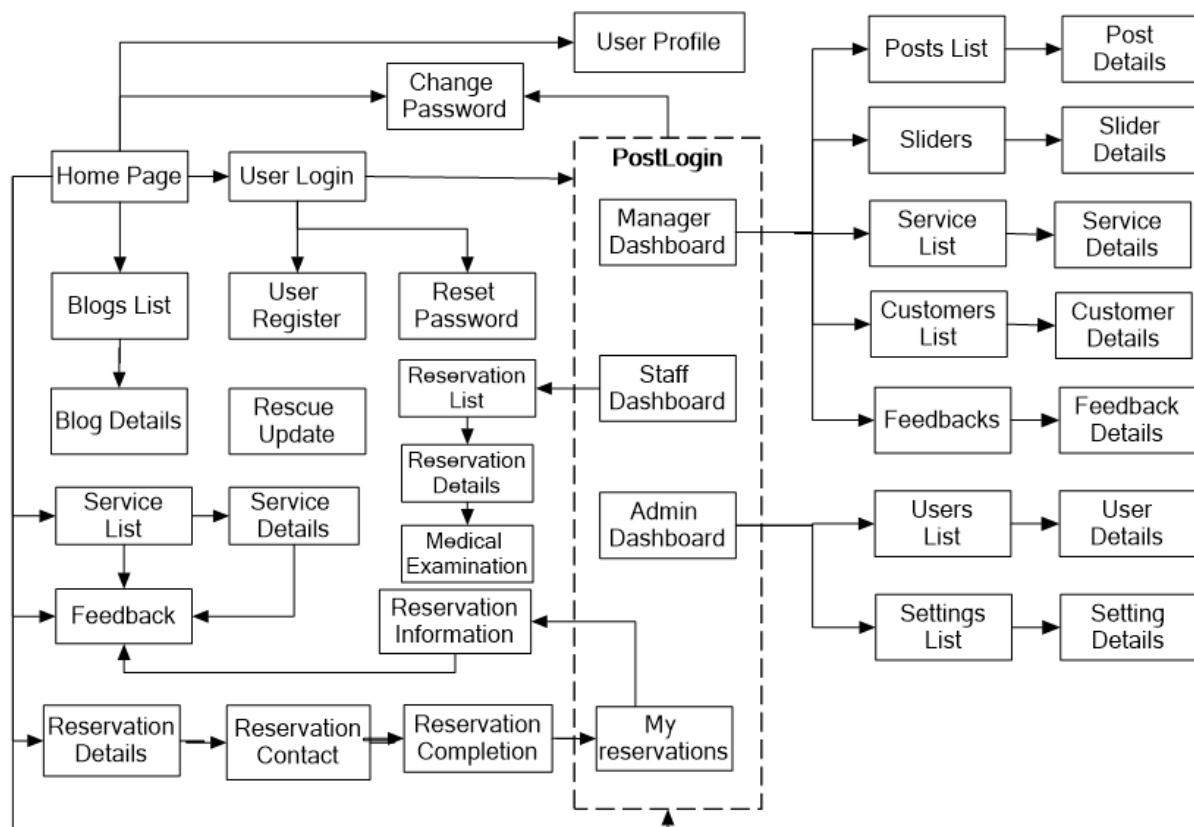
This project is aimed at developing an online children care center which supports for the customers tracking and taking care of their children's health. In addition, the medical centers manage their services supporting customers. This system support for the below types of user:

- Guest: unregistered users
- Customer: they are registered users who are actual customers or potential customers
- Staff (Doctor & Nurse): the person who take part in checking up patients
- Manager: the person manage overall activities of medical center
- Admin: the organization leader/manager, acts as the system administrator

## 2. Functional Requirements

### a. Overall Description

The to-be-developed system includes the 6 features with the functions for each feature are listed in the beneath sections. It needs to provide 37 user screens with the flow as the following diagram. The details for each screen/function are provided in the attached Excel file (**ChildrenCare\_Functions.xlsx**)



### b. Public Feature

This feature includes the screens used for the Guests, as listed below

- Home Page: the starting page of the system
- Blogs List: list of shared posts
- Blog Details: detail of the shared post
- Services List: list of the active type of services
- Service Details: details of the selected service
- Reservation Details: details of the user reservations (the list of selected services to reserve)

- Reservation Contact: screen that allows user to input/edit the reservation receiver
- Reservation Completion: reservation completion screen
- Feedback: feedback generally or for a specific service

### c. Common Feature

The common functions/screens used for all types of users, as listed below

- User Login: authenticate the user to give him/her to access authorized features later on
- User Register: register new user into the system, verified by the registered email
- Reset Password: use in case the user forgot his/her password
- Change Password: change user's login password
- User Profile: view & edit/update user profile
- User Authorization: authorize user into the system functions based on his/her role

### d. Customer Feature

This includes the screens used for system customers, as listed below

- My Reservation: for customer to view his/her submitted reservations
- Reservation Information: to show customer's reservation details, the customer can edit or cancel the reservation when it is still in the submitted status

### e. Staff Feature

This includes the screens used for doctor and nurse, as listed below

- Services List: list, filter, search, view service(s)
- Service Details: view the details of a specific service
- Reservation List: list, filter, search, show, hide, view reservation(s) that be assigned for this staff.
- Reservation Details: view the details of a specific assigned reservation.
- Medical examination: list, filter, search, show, hide, view the history examination of a customer that be assigned for this staff.
- Services List: list, filter, search, show, hide, view service(s)
- Service Details: view the details of a specific service
- Customers List: list, filter, search, show, hide, view customer/contact(s)
- Customer Details: view the details of a specific customer
- Feedbacks List: list, filter, search, show, hide, view feedback(s)
- Feedback Details: view the details of a specific feedback
- Medical Prescription: (used for doctor) list, filter, search, show, hide, view, add new prescription

### f. Manager feature

- The manager can have accesses to all the Reservation Dashboard: view general statistics & trends on the reservation-related data
- Reservation List: list, filter, search, show, hide, view, add new or edit existing assigned reservation(s).
- Reservation Details: view & edit the details of a specific assigned reservation.
- Posts List: list, filter, search, show, hide, view, add new or edit existing post(s)
- Post Details: view & edit the details of a specific post
- Sliders List: list, filter, search, show, hide, view, add new or edit existing slider(s)
- Slider Details: view & edit the details of a specific slider
- Services List: list, filter, search, show, hide, view, add new or edit existing service(s)
- Service Details: view & edit the details of a specific service
- Customers List: list, filter, search, show, hide, view, add new or edit existing customer/contact(s)

- Customer Details: view & edit the details of a specific customer
- Feedbacks List: list, filter, search, show, hide, view, add new or edit existing feedback(s)
- Feedback Details: view & edit the details of a specific feedback

#### g. Admin Feature

The Admin feature includes the screens used for the organization manager and system administrator, as listed below

- Admin Dashboard: view general statistics & trends about the management-related data
- Users List: list, filter, search, show, hide, view, add new or edit existing user(s)
- User Details: view & edit the details of a specific user
- Settings List: list, filter, search, show, hide, view, add new or edit existing system setting(s)
- Setting Details: view & edit the details of a specific system setting

### 3. Other requirements

#### a. Configuring information

- All the user-configured data (Post Categories, Service Categories, User Roles, Admin Menu, etc.) are defined and stored as the system setting(s). Those are managed via the Settings List & Setting Details as mentioned above (in the part 2.g)
- Other once-configured data are managed via the system config files (as mentions in the relevant functional details in the attached Excel file **ChildrenCare\_Functions.xlsx**)

#### b. User Input data formats

The types & format (length, validation, etc) of the input data are suggested by the project team and need to mentioned clearly in the analysing & designing documents.

- Those must be agreed by the supervisor (teacher) before implementing.
- Once agreed, those must be implemented accordingly in the software input validating, data showing and in the system database.