

Product Design and Operation

Project Design Document

GitHub: [project-design-2019](#)

Group 5 2019 05 07

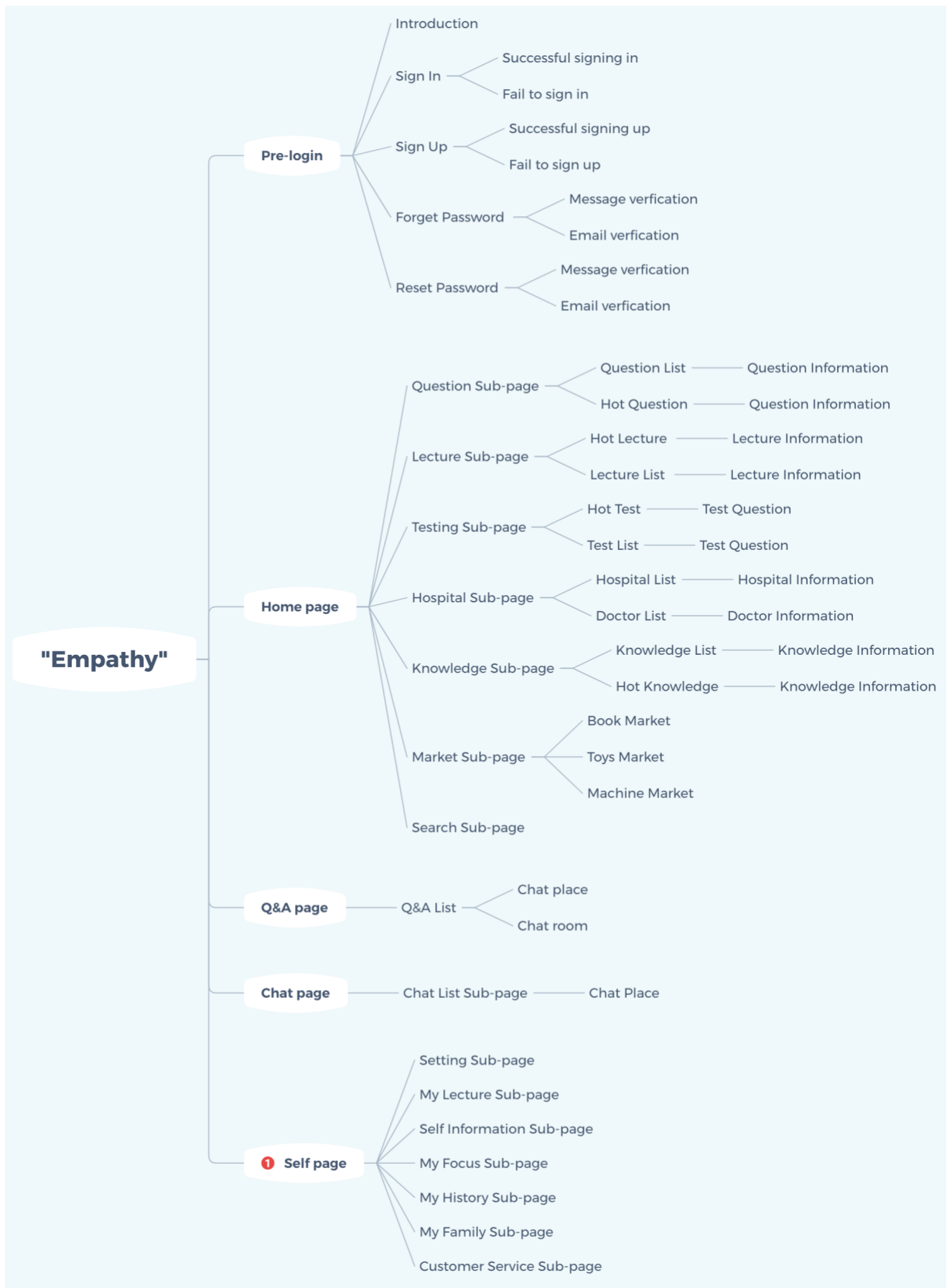
Project Design Document

1. Introduction

Psychological counselling is becoming more and more popular with fast developing of China, psychological illness and mental disease is hitting not only adult but also the kids. According to the World Health Organization, the morbidity is over 17% for kids, some efficient approach must be adopted to help those kids for mental disease preventing and treatment. The disease include depression, infantile autism, hyperactivity, transient tic disorder, obsessive-compulsive disorder, schizophrenia, etc.

2. General Design

2.1 Project Architecture



3. Function Design

3.1 Team distribution

Level 1	Level 2	Level 3	Level 4	Person in charge
Pre-login	Introduction			MING
	Sign In	Successful signing in		MING
		Fail to sign in		MING
	Sign Up	Successful signing up		MING
		Fail to sign up		MING
	Forget Password	Message verification		MING
		Email verification		MING
	Reset Password	Message verification		MING
		Email verification		MING
Home page	Question Sub-page	Question List	Question Information	SHAO
		Hot Question	Question Information	SHAO
	Lecture Sub-page	Hot Lecture	Lecture Information	YANG
		Lecture List	Lecture Information	YANG
	Testing Sub-page	Hot Test	Test Question	YANG
		Test List	Test Question	YANG
	Hospital Sub-page	Hospital List	Hospital Information	GAO
		Doctor List	Doctor Information	GAO
	Knowledge Sub-page	Knowledge List	Knowledge Information	YANG
		Hot Knowledge	Knowledge Information	YANG
	Market Sub-page	Book Market		XIN

		Toys Market		XIN
		Machine Market		XIN
	Search Sub-page			MING
Q&A page	Q&A List	Chat place		SHAO
		Chat room		SHAO
Chat page	Chatting List Sub-page	Chat Place		SHAO
Self-page	Setting Sub-page			TANG
	My Lecture Sub-page			TANG
	Self-Information Sub-page			TANG
	My Focus Sub-page			TANG
	My History Sub-page			TANG
	My Family Sub-page			TANG
	Customer Service Sub-page			TANG

3.2 Function Description

Page	Description
1. Pre-login	The purpose of this part is letting the users know the basic information of our system, or they can login or apply for a new account.
1.1 Introduction	Introduce basic information of our application.
1.2 Sign In	The users should correctly input their username or phone number or email address to sign in.

1.2.1 Successful signing in	While the user' s successful login in, the application should notice the users that they have successfully login in.
1.2.2 Fail to sign in	While the user' s unsuccessful login in, the application should notice the users that they may be get something wrong with the username or password.
1.3 Sign Up	The user should apply for a new account if they don' t have one.
1.3.1 Successful signing up	While the user' s successful sign up, the application should notice the user that his/her account has been active.
1.3.2 Fail to sign up	While the user' s unsuccessful sign up, the application should notice the user that his/her account may be already signed up.
1.4 Forget Password	While the user forgets their username or password, the user can use this function page to find back their account information and then they should reset their account password.
1.4.1 Message verification	While the user is operating his/her account, they will be asked to input their phone number to verify to make sure the account security. (If they have.)
1.4.2 Email verification	While the user is operating his/her account, they will be asked to input their phone number to verify to make sure the account security. (If they have.)
1.5Reset Password	After the user' s verification, the application should allow the user to reset password, so that they can keep their account security.
1.5.1 Message verification	Same as 1.4.1
1.5.2 Email verification	Same as 1.4.2
2. Home page	The most important page of this application.

2.1 Question Sub-page	The user can use it to invite famous doctors to answer the question, and the users are also free to read the public discussion.
2.1.1 Question List	The common question asked by the other uses lists.
2.1.1.1 Question Information	The user can click the question they want to know, and read more about the question' s answers.
2.1.2 Hot Question	This is all question list page. The user can ask questions in this page, the questions are free for all the user to see and discuss.
2.1.2.1 Question Information	Same ad 2.1.1.1
2.2 Lecture Sub-page	The user can see can buy lecture to learn.
2.2.1 Hot Lecture	Recommend the hot lectures
2.2.1.1 Lecture Information	The concrete information of the lecture, the user can read it before they decide to buy the lectures.
2.3 Testing Sub-page	The test subpage contains four pages of test recommendations, test details, test search results, and test pages.
2.3.1 Hot Test	The test recommendation page has four sections, namely search bar, recommended test, index, and other tests.
2.3.1.1 Test Question	The test page has three sections: questions, options, and a title bar. If necessary, there will be pictures
2.3.2 Test List	The test list page consists of three parts: the search bar, the index, and the list.

2.3.2.1 Test Question	The test list page consists of three parts: the search bar, the index, and the list. Jump to this page when the user chooses to view all tests, or search for a test, or find a test by index
2.4 Hospital Sub-page	All hospital information is arranged according to the initials. Users can click on a hospital to enter the hospital information sub-page for consultation and viewing information.
2.4.1 Hospital List	Display specific information about the hospital, such as address, contact information, reliability, etc., and provide the hospital's famous physician information outline and recommendations
2.4.1.1 Hospital Information	Show a brief introduction of all doctors in a hospital and their star rating. Users can click on a doctor to view their information or initiate a consultation with them.
2.4.2 Doctor List	Physician's details such as contact information, credit star rating, and good at subjects.
2.4.2.1 Doctor Information	All hospital information is arranged according to the initials. Users can click on a hospital to enter the hospital information sub-page for consultation and viewing information.
2.5 Knowledge Sub-page	The user can search the keyword that they want to read, or they can read the information recommended by the application. (hot knowledge)
2.5.1 Knowledge List	The knowledge list of other users.
2.5.1.1 Knowledge Information	The concrete information of one knowledge.
2.5.2 Hot Knowledge	the hot recommended knowledge.
2.5.2.1 Knowledge Information	Same as 2.5.1.1

2.6 Market Sub-page	The market shows some kinds of goods to customers, which is related to help children prevent psychological illness and mental disease.
2.6.1 Book Market	Showing various kind of books which is helpful to children solve mental problem.
2.6.2 Toys Market	Showing various kind of toys which is helpful to children solve mental problem.
2.6.3 Machine Market	Showing various kind of medicine which is beneficial to children' s mental problem
2.7 Search Sub-page	The user can search the information contenting the information that that what to have.
3. Q&A page	Show doctor lists
3.1 Q&A List	List all the doctor who provide service
3.1.1 Chat place	The page will show if the reservation is successful.
3.1.2 Chat room	Users can follow doctor or unfollow
4. Chat page	It shows all content of chatting function
4.1 Chat List Sub-page	Users can find four functions helping to communicate with doctor
4.1.1 Chat Place	The keyboard will pop up by clicking input filed
5. Self-page	The page is going to let the user manage their account via their favor.
5.1 Setting Sub-page	The user can set some favor.
5.2 My Lecture Sub-page	The user can see the lecture that they bought before.
5.3 Self-Information Sub-page	The user can fulfill their self-information.
5.4 My Focus Sub-page	The user can review what they like and keep before.

5.5 My History Sub-page	The user can review the history knowledge that they read or see.
5.6 My Family Sub-page	The user can add their family account, so they can keep track of their families.
5.7 Customer Service Sub-page	The user can contact the customer service staff is necessary.