

PROJECT / GROUP NAME	Group 6		
Start Date	24 February,2020	Finish Date	22 May,2020
Aim / Objective	The aim of this work package is planning the project process, writing the front-end GUI for the project, and planning and organizing the project documentation.		
Work package Manager	Ziting Xu		
Contributors to this package	Ziting Xu Jiayue Yu Zhi Zheng		
Description / Activities	<p>Task 5.1 First task that we need to do is to analyse user requirements</p> <ul style="list-style-type: none"> • 5.1.1 Analyse the problem statement • 5.1.2 Write user stories about customers • 5.1.3 Draw use case diagram and write use case description • 5.1.4 Determine some basic functions and add some special functions for customers' needs <p>Task 5.2 Design the website based on the requirements</p> <ul style="list-style-type: none"> • 5.2.1 Decide how many interfaces for customers the entire website needs • 5.2.2 Specify a block for each function in the website • 5.2.3 If possible, find some available source code of interface layout and some methods about how to achieve some specific functions like how to realize adaptive Web Design on the Internet • 5.2.4 Choose some suitable pictures to decorate the website <p>Task 5.3 Write code to accomplish the User Interface of customers</p> <ul style="list-style-type: none"> • 5.3.1 Use HTML to complete the basic layout of website <ul style="list-style-type: none"> ○ 5.3.1.1 Complete customer and employee login interface (with Jiayue Yu) ○ 5.3.1.2 Complete the first interface for customers to make appointments for their pets, the second interface for customers to see the status of their pets and third interface for customers to ask questions and so on. • 5.3.2 Using CSS to decorate web pages • 5.3.3 Using JavaScript and jQuery to add interactive behaviours to web pages to achieve the functions <p>Task 5.4 Write code to help the back-end implementation</p> <ul style="list-style-type: none"> • 5.4.1 Help the connection between back end and front end and follow the arrangement of back-end developers. (With Zhi Zheng) <p>Task 5.5 Test the implementation of the entire website</p> <ul style="list-style-type: none"> • 5.5.1 Test all functions of the customer interface • 5.5.2 Test connectivity between front-end and back-end • 5.5.3 Test the connection between the employee and the customer side • 5.5.4 Provide a written report documenting the software 		

Milestones		Week
	M 5.1 Design the layout of the entire customer interface, and specify the web blocks for different functions	4
	M 5.2 All functions of the front-end including layout and design are realized. The first version of GUI can be delivered to customers.	6
	M 5.3 At this stage, the functions of the front-end and back-end have been mostly completed, and the rest of the work is to combine the two parts. (Like register and login)	7
	M 5.4 Complete the connection between the front end and the back end and test all functions including page skipping, customer registration, customer appointment, view pet status, employee organization, etc. Implement a solution ready for testing by the customer, Healing Paws.	11
	M 5.5 If possible, modify some deficiencies. Provide a written report documenting the software.	13
	M 5.6 Final Release. Demonstrate the prototype to customers, Healing Paw.	15
Deliverables		Week
	D 5.1 Complete the basic interface of employees and customers	6
	D 5.2 Combine part of front-end code with back-end code to realise some basic functions like registration and login.	8
	D 5.3 Add specific functions such as customers being able to see the status of their pets and modify the details of the front -end.	10
	D 5.4 complete the cloud deployment and complete the first version of the whole system.	12
	D 5.5 Provide a written report to record the system technical and describe details of the implemented software and include full instructions on how to access and operate the system.	13