Testing

To dictate whether this project is either successful or unsuccessful, testing will be vital. The type of testing we have agreed to use is user testing and usability testing. User testing is an important method to be implemented within the application. This will ensure that the project is successful and meets the functional requirements in relation to the User Interface.

Usability testing is a form of user testing which examines how the customer can use the application that we produce. User testing will be essential on both interfaces to find any usability issues.

An example of testing the UI would be clicking a button and seeing if it performs the functional requirement it was given. (add UI photos).

The diagram above shows how when the client clicks the “help” button the purpose of the button is to alert the carer that the client may be lost or needs help. When this functionality is added in the application it will be tested to see if it does what it is meant to do. The continuous flow of testing will lead to a successful project.

The diagram below illustrates the relation between user and usability testing.

( <https://www.google.com/url?sa=i&url=https%3A%2F%2Fblog.hubspot.com%2Fservice%2Fuser-testing&psig=AOvVaw1WfetmUemuIkP95sn5f-ih&ust=1605449660528000&source=images&cd=vfe&ved=0CAIQjRxqFwoTCMDGy5-cgu0CFQAAAAAdAAAAABAw> )

Usability Testing vs User Testing

Satisfaction

Memorability

Desirability

Credibility

Roadmap

Validation

Compatibility

Test Support Processes

Our application consists of two interfaces which are illustrated in the UI design (FIGURE X FIGURE). The UI of the client side of the application has been designed to be simple and easy for the user to use. User testing will determine if this is true which will lead the application to become successful. Nevertheless, the UI of the client side has also been designed to be made easy to use, which will also be tested.

The testing of the application will begin around the middle stage of the design of the UI. The reason being is to check that features are working as they are added. By doing this time is being used wisely and will leave less issues to be resolved towards the end of the project.