

**Scope Statement**

Charity Online Store

**Revised records**

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| --- | --- | --- | --- |
| **Update Date** | **Version** | **Description** | **Name** |
| 2020-03-20 | V1.0 | Initial | Cong Shang |
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# Project Background

Many charities operate second-hand shops in New Zealand, but it is worth noting that the information construction of all second-hand shops is relatively backward, and there are basically no online shops. Customers have to go to the store to see if there are items they like, so they can't give consumers better shopping experience. Based on this background, the project team planned to develop a charity second-hand online store, so we conducted demand research and project cooperation negotiations.

Our first client is Zoe Liu who works as an accountant at the Church of Salvation Army in Lower Hutt. The church has a national second-hand store called the Salvation Army Family Store, which collects items donated by residents (clothes, toys, kitchen supplies, etc.). It provides stores for residents who like second-hand goods, and the incomes will be used to run churches and help people in difficult areas. Thus, by creating a charitable second-hand online store, there is an opportunity to increase revenue by adding value to higher-value donated items.

Currently, the main online auction platform in New Zealand is Trade me, but it is a commercial platform and not suitable for charities. Therefore, the establishment of a charity second-hand online website can better attract the involvement of caring people and better serve the community. The project can be used by all charities. In terms of market prospects, there is an opportunity to become a national charity website for the use of charity second-hand shops across the country.

# Project Objectives

We plan to set up an online auction store for second-hand charity shops. This will allow residents to browse high-quality second-hand goods online, and if the auction is successful, customers will be able to make an appointment online to pick up the goods and pay at the store to complete the transaction. This will significantly increase the number of participants, increase transaction efficiency and increase turnover and revenue. The reason why we chose the auction method is that we investigated the second-hand shop and found that the second-hand shop is operating the auction mode. Second, the inventory of second-hand stores is special. There is only one item for each item. Therefore, if all the items are uploaded online, they need to be removed from the shelves once they are sold in the store. Thirdly, high-quality second-hand goods are suitable for auction, so that charity second-hand shops can get better transaction income, so as to help more people in need and enhance community services.

# Definition of requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Model** | **Model** | **functional point** | **description** |
| 1.1 | User | Goods display | Main page goods display | display the 12 goods which are the closest to the close time |
| 1.2 | goods display by category | show the goods by category. In this system, it splits into 5 categories, such as toy, kitchen, tools, decoration and clothes. |
| 1.3 | view the detail of the goods. | display the product details in the web page which include the title, initial price, current price, the picture, the description of goods, close date and bid history |
| 2.1 | User management | login | user-input user name and password to login to the website, if the user did not login, the user only can browse the goods， but do not allow to bid. |
| 2.2 | logout | user can log out at any time, if users do not do anything than 30 minutes, the system will log out automatically |
| 2.3 | register | New users can register as members. Requires user names to be unique and can not be duplicated with existing user names. |
| 2.4 | password recover | A user matches a mail address or phone number with a username. When the match is successful, the user can reset the password. |
| 2.5 | view the personal information | show the user's personal information on the page. |
| 2.6 | edit the personal information | user can update their personal information, but the user name could not be updated. |
| 3.1 | Auction | auction | the bids price must higher than the current price. The auction must be easy than the close date. |
| 3.2 | ~~donation~~ | ~~this function has been deleted.~~ |
| 4.1 | Order management | view the order | after the user login, user can check their order which they win. |
| 4.2 | make appointments | select a date to pick up and leave a message to the store. |
| 5.1 | Cart | add items into the cart | Users can save items of interest to them in shopping carts |
| 5.2 | view the cart. | show the state of items which is in the user's cart. |
| 5.3 | delete items form cart | delete commodities from their cart. |
| 6.1 | About us | About us | show the introduction of the online store. |
| 7.1 | Contact us | Contact us | shows the information about the shop. It includes address, website, contact phone number. |
| 8.1 | admin | Goods management | Display product list | in the model，the system displays all of the goods in the system. |
| 8.2 | add a new commodity | Administrators can add new commodities. The default commodity status is on sale。The close date of the newly uploaded commodity must not be less than the current system date |
| 8.3 | edit the commodity | If the commodity has already been bided， the price can not be modified. |
| 8.4 | change the commodity state | the administrator can delete the item on sale when the item status is selling. After deletion, users can not see commodity in the manpage |
| 9.1 | User management | display user list | show all of the users in the list |
| 9.2 | change the user's state | the administrator can change the state of users. When the user state is changed to disable, the user could not log in |
| 10.1 | Order management | display order list | show all the orders in the list. |
| 10.2 | change the order list | when the user picks up, the admin changes the order state to finish. |
| 11.1 | System | generate orders | generate orders | When the end date of the item is greater than the system date, the system automatically generates the order. Winners and administrators can view order details. |

For detailed requirements, please refer to “Requirement Analysis\_V1.3.docx”

# Deliverable List

|  |
| --- |
| **Name** |
| Bid document |
| Proposal |
| Gantt chart |
| Project charter |
| System analysis and design document |
| Testing case |
| Integration testing report |
| System testing report |
| User acceptance testing report |
| User manual |
| User training |
| Installation and deployment document |
| Client receipt |
| Client acceptance |
| Requirement analysis document |
| System code |
|  |

# Exclusives

Due to time and project scope constraints, the project does not include the following:

1. Online payment function

2. Access to an Email server or SMS platform

3. Data statistical analysis function

4. Mobile applications development

5. Commercial operation promotion

6. Server purchase

7. Domain name purchase

# Project Constraints and Assumptions

Advisor and client must accept the project.

This project does not have any budget.in other words, the Project team must use all free products

# Quality Management

The quality standard requirements of the project are as follows：

1. the system must have the ability to run on 24\*7.
2. System response time does not more than 3 seconds
3. In the same time, the maximum number of system support is not less than 20 requests.

# Project Milestone

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Milestones | Date | Events |
| 1 | Initiation | 23/03/2020 | Advisors and clients accept project team proposal |
| 2 | Design | 30/03/2020 | Complete project design review, including page design, database design process design, system structure design. |
| 3 | Development | 15/05/2020 | Complete code writing and unit testing. Code quality reviewed |
| 4 | Testing | 26/05/2020 | Complete integration test, system test, and acceptance test. Client satisfies the user acceptance test. |
| 5 | Client handover | 29/05/2020 | Support the project go live and finish the client training |

# Project Budget

This is a free project, so this project does not have any budget.

# Project Acceptance

The project team regularly delivers the completed deliverables according to the delivery list and milestone plan. Our customer is responsible for the acceptance project