

Functions Requirements Document
for
WhatSwap

Prepared for
Cebu Institute of Technology - University
CSIT327: Information Management 2
Mr. Joemari Amparo

August 27, 2024

Prepared by

Felisa Melanie Fay G. Bascug, Roddneil B. Gemina, Basil Xavier B. Mendoza

1.1 Project Description

This project is an online web-based platform that allows users to put their personally owned items up for auction. Users may also participate in these biddings posted by other users. The goal of this system is to provide an easy-to-use, readily available, and usable, online platform to indulge in these auctions/trading.

This project is primarily made for users who want to buy and sell personally owned items, and want to auction off their items which they may no longer want. The target user of the project may also be those who are looking for curious items and bid for them in competition with others.

1.2 Purpose of the Document

The purpose of this document is to outline the Functional Requirement Specifications (FRS) for the Auction / Trading System. Provisions of this document includes descriptions of said system's technical details and specific requirements.

1.3 Project Scope

The scope of this project is to develop an online web-based platform that simplifies the process of trading and auction, and modernizing the idea of these procedures. The project has 6 main features for accounts, which summarizes the basic and general functionalities of the system.

2. Features

2.1. User/Account Management

Section / Requirement ID	Requirement Definition
FR1.0	The systems allows a user to create a new account with a unique username/password and stores it in the system
FR1.1	The system allows users to login with their set username and password
FR1.2	The system allows users to create, read, update, and delete their accounts.

2.2. User Profile

Section / Requirement ID	Requirement Definition
FR2.0	The system allows the user to customize their profile and add their catalogue and other details if they chose to.
FR2.1	The system displays the user's ratings/reviews on their profile.
FR2.2	The system allows users to rate/review other user's credibility.

2.3. Bid for Auctioned Item

Section / Requirement ID	Requirement Definition
FR3.0	The system allows for users to participate in the bidding.
FR3.1	The system allows users to place bids on an auction as long as they are valid bids.
FR3.2	The system can browse the website for any auctioned items they may be interested in.

2.4. Put Item Up for Auction

Section / Requirement ID	Requirement Definition
FR4.0	The system allows for users to put an item on the website for auction / bidding.
FR4.1	The system allows for the auctioning user to specify bidding details such as start and end date and valid bidding prices.
FR4.2	The system allows for the auctioning user to end the bid if there is no set end time.

2.5. Trading System

Section / Requirement ID	Requirement Definition
FR5.0	The system allows for users to upload their items to be put up for trading.
FR5.1	The system allows for users to set the details about the item and the negotiable and non-negotiable details such as location / billing / etc .
FR5.2	The system allows for users to mark the item no longer available and can take their own items down.
FR5.3	The system allows for users to specify if they are up to trade for other users.

2.6. Apply / Accept for Trade

Section / Requirement ID	Requirement Definition
FR6.0	The system allows for users to apply and accept trade offers.
FR6.1	The system allows for users to browse the site for trade offers that they may be interested in.
FR6.2	The system allows for users to send trade request for a posted trade.
FR6.3	The system allows for users to accept or reject an offered trade made by other users about your trade.