

<Team 16>
User's Manual
CSCI-P465/565 (Software Engineering I)
Project Team 16
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1. Product Overview

The website we have built addresses many problems that people face when they want something on a temporary basis or earn something from a product or a service on a continuous basis. People want to rent products but may have different questions about the product before renting it. These questions might include how do I rent? Whom should I get in contact in order to rent the product? Is the product provided legit?

Our platform provides an easy and simple way to rent legit and trustworthy products that have been approved by the admin. Users have opportunity to have a secure account that is ensured by the servers. The platform consists of functionalities including different rental items that can vary from cars to apartments. Users can filter information based on their needs. The platform provides users with easy communication with sellers using a simple and secure messaging system. To ensure product satisfaction from renter any registered users can rent product, add reviews, add their product onto the platform to be rented, and contact admin about product(complaint). In order to ensure users, have the easiest possible interaction with our website, any user can use our chatbot to ask any related question about the website and its product.

2. System Requirements

Hardware Requirement:

1. PC/Laptop with i5 Processor

Software Requirement

1. Internet Browser
2. IntelliJ Ultimate
3. Tomcat 8
4. MySQL Workbench
5. Heruko

3. Product Installation

1. Download code from GitHub repository
 - a.
2. Download IntelliJ Ultimate (Java for codes)
 - a. <https://www.jetbrains.com/idea/intellij-frameworks/>
3. Download Workbench (Database)
 - a. <https://dev.mysql.com/downloads/workbench/>
 - b. Create database call RentAll or download from GitHub
4. Download Tomcat (to run the server locally)
 - a. <https://tomcat.apache.org/download-80.cgi>
5. Google web client credential (to use google login)
 - a. <https://console.cloud.google.com/apis/credentials>
6. Dependencies to use all the codes should be inside maven, add more if need to for user's system
7. Run the Server
8. Users should see the website with <http://localhost:8080>

4. Product Operation

Home Page:

Firstly, unregistered and registered users can explore products and their details that are listed on the website. Users can get information of products that are listed by clicking the products individually in the Products tab. Additionally, services and company values are also available to be explored.

Product Detail:

For users to rent and add products onto the platform, what they must do is register themselves as users through signing up by using the platform provided or using their Google. When users are registered, they are allowed to explore products that are listed, and they have an addition that allows them to rent the product. Product information is listed in an orderly fashion by price, category, seller information, product description, and product's exact location. If users have any questions about the product, they can use the chat function that is on the

website to get ahold of the seller. This will allow easier communication between seller and buyer.

Additionally, users can submit a complaint to the admin. This will allow administrators to get feedback from renters about the product on whether it was appropriate to be on the website or if it needs further investigation on whether it shouldn't be on the website. Complaints can be found on each of the product pages. Aside from this, users can also add reviews to express their review of the products they have rented. Using this will ask users of their feedback that includes description and number of stars for the product. After submitting the reviews, the review will be added under the reviewed product bottom section of the page.

As for admin, in order to have a product listed onto the website, they must first approve products that are legit to be on the platform. Admins can also see complaints that have been submitted by renters. In order to see which products have been the most, admin can see analytics on which product has been rented the most based on location and category.

5. Known Defects

1. Servers are a bit slow due to the website being hosted by Heroku server.

Revision History

Revision	Date	Change Description
Created	December 05, 2021	Software User Manuel Created

Page Author/Creator: [Adeel Bhutta](#)

Last Modified: 8/23/2016