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| ShareShake Rental Web App |
| Project Vision Document | |
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**Revision History**

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# Introduction

This document describes our idea and values for the ShareShake Rental Web App. It defines the clients’ view of the web application to be developed, specified in terms of the clients’ key needs and features. Containing an outline of the envisioned core requirements, it provides the basis for the more detailed technical requirements.

## Purpose

The Purpose of this document is to provide project owners clear understanding on ShareShake rental web app, and help them make a decision on initiating and supporting the project activities to create this rental web app. In terms of developer’s perspective, it provides guidelines for app development. ​

## Scope

The project is a web application that allows users to rent and borrow products between each other. This lets consumers use products without having to pay the full price to purchase the product. The project will be completed by April 2018.

### In Scope

Our web application will allow users to view postings for items and create their own postings. The site will have accounts and logging in is required to lend or borrow items. Users are able to make payments for borrowing items through PayPal.

### Out of Scope

The web application will currently not have a search bar to search for posts. There will also be no way to sort items by distance, only by city. There will also not be any report buttons in the current release of the application.

## Definitions, Acronyms, and Abbreviations

* Renter – User who wants to borrow an item
* Rentier – User who wants to lend their item to other users, and list the item on our rental web app
* Search Criteria – Prospective renters can search items they want to find with keywords and for specific price range and duration
* PayPal – Application that securely process transactions

## References

| Reference File Name | Version | Description |
| --- | --- | --- |
|  |  |  |
|  |  |  |

# Positioning

## Business Opportunity

This application will give consumers an opportunity to get and use a product for a limited time before buying it. It will also give consumers a way to earn extra money by renting out their own products. Currently, there is no user to user renting platform aside from specific products. This would ultimately save the user money in the long run if they only need a product for a short time.

## Problem Statement

|  |  |
| --- | --- |
| The Problem of | no renting platform |
| affects | all consumers |
| the impact of which is | products are being unused and consumers have to buy products |
| a successful solution would be | providing a platform that users can rent from other users |

Table 1 Problem Statement

## Product Position Statement

|  |  |
| --- | --- |
| For | any consumer |
| Who | want to rent or rent out products |
| The Rental Web App | is a web application |
| That | allows anyone to rent any product |
| Unlike | Kijiji, ebay, amazon and other e-commerce corporations |
| Our product | won’t force consumers to buy a product. They can rent instead. |

Table 2 Product Position Statement

# User Descriptions

## User Summary

| User Name | Description | Responsibilities |
| --- | --- | --- |
| Renter | User who wants to borrow an item temporarily | look at rentiers’ postings  look at renter’s products list  message other users  pay rentier to rent product |
| Rentier | User who wants to lend their item to other users, and list their item | make posting  list owned products  message other users  receive money to rent out products |
| Administrator | Has control over and oversees application | resolve conflicts between users  update database |

Table 4 User Summary

# System Features

| ID | Feature |
| --- | --- |
| SF01 | Create an account with user information and PayPal account connected |
| SF02 | List items rentier want to lend with information on the product, duration, price, and location |
| SF03 | Search items renter want to rent using search criteria |
| SF04 | Process secured payment and transactions using PayPal account |

Table 6 System Features

# Assumptions

* Only legal items are listed and rented
* Items does not include food or other kind of consumables
* Only users that are capable of using courier service can interact for item rental

# Constraints

* Any financial transaction requires a PayPal account
* How people ship and return items are not supervised by the app
* Users need internet connection
* Only able to access via web browser
* Users understand and speak English
* No two users can borrow same item simultaneously, and during the time item is rented, it is no longer available on the listing