



High Level Requirement Document

Renting Module Integration in Yo-kart

(Version 1.0)

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1. Purpose

The document is intended to define the high level features of the system to be developed and give an understanding of actions and modules that the stakeholders will have the access to, for fulfillment of business or personal needs.

The audience of this document will have a keen interest in the system requirements of the application and may change and give suggestions on any parts of the HRD.

2. Project Scope

The project aims to develop a renting marketplace module, which will be integrated in the Yokart application, where owners can upload an article/item for rentals by the tenants. Tenants will be able to browse through the website and select an item of their interest.

The payments of the articles listed for rent will be made online and withheld by the admin till the rented item is returned by the tenant.

3. Document Conventions

Each requirement in the document is labeled by manually assigned unique identifier which is as following:

- [Owner] is an identifier for the user who wants to rent an item
- [Tenant] is an identifier for the user who wants rented item.
- [Item] is an identifier for article or any other things, which is to be rented by the owner.

Note: The renting market place will be integrated in the Yokart and here Owner identifier refers to Seller and Tenant identifier refers to Buyer.

4. User Types

Application will have following 4 different types of users:

1. **Front-end Users:** Front-end users will be able to browser all rent items available on the website from nearby areas or they can custom select the city to view rent items from a particular location. They will also be able to navigate to other screens/section of the application, which does not require registration/log-in to application.
2. **Owner:** Owners will be able to upload items for rent, into predefined categories for front end and tenant users.
3. **Tenant:** Tenants will be able to browse all the items, shortlist item, pay and book items available for renting and own rented items.

4. **Web Admin (Web Interface):** Website administrator will have complete control of the system. Admin will be able to approve, enable/disable & delete all items posted by owners for rental purpose.

5. High Level Features for Project Scope

Following are the features for different users, which are there in system:

Front End User Features:

1. Rentals Landing Page
 - Change Location (By default it shows listings based on user IP location tracking)
 - Rent An Item Button (On click will redirect the user to login page)
 - Search functionality
 - Keyword Search
 - Location (Country & City)
 - Rental Category Listings
 - Top/Features Categories (Default count set from admin)
 - All categories Listings
 - Thumbnail View
 - Category Name
 - Category Image
2. Rental Item Listings
 - Search Filters (Search filter will change according to the attributes set for different categories by admin)
 - Item Image
 - Item Title
 - Ratings(5 star ratings)
 - Item Descriptions
 - Rental Price
 - Location
 - View More / Pagination
3. Rental Item Details Page
 - Item Image
 - Item Title
 - Ratings(5 star ratings)
 - Item Description
 - Rental Price
 - Item Main Image

- Item Images (Multiple images)
- Pick up & Drop Availability (Yes/No)
- Listing Published Date/Time (Time can be optional)
- Advertiser/Owner Details (Partial)
 - Name (visible)
 - Address (partial visible)
 - Email (partial visible)
- Attributes
 - Attributes will be different for different categories rental product listings and will be manageable from admin interface.
- Reviews (Tab 1)
 - Slider display with “View All” button
 - On click “View All” button will redirect to the reviews page for this item.
- Terms and Conditions (Tab 2)
 - Content (Text manageable from owner interface)
- Book Now Button
- Similar Listings: Similar advertisements listings below the item details.

Owner Features:

1. Rent An Item

- Title
- Description
- Image Upload
 - Item Main Image
 - Item Images (Multiple images with default limit)
- Item Description
- Rental Price (select one unit from below listed)
 - Per Day
 - Per Hour
- Pick up & Drop Availability (Yes/No)
- Security Deposit
- Terms and Conditions
- Address

Owner Address: By default it will show the address of the shop of the seller in yo-kart for seller with an option to edit address.

OR

Tenant Address: Will show the default address set by customer with an option to edit address.

2. My Rental Ads

- Owners will have a Rentals Ads tab on the dashboard.
 - Advertisements
 - Search Filters
 - Keyword search
 - Date Filters
 - List of all the items Advertised for renting

- S.No
 - Item Image
 - Item title
 - Unit Price
 - Status
 - Booked Price
 - Security Deposit
 - Actions – View / Edit / Delete
 - Rented (Refer section is Tenant Features)
3. Sales
- Product Sales (Default Yo-kart Features)
 - Rental Sales
 - Income received from rented items
 - S.No
 - Item Image
 - Item title
 - Unit Price
 - Security Deposit
 - Total Price
 - Status
 - Complete
 - Pending
 - Rental Returned
 - Rental Owned
 - Payment Status
 - Actions – View
4. Messages: Default Yo-Kart messaging feature.

Tenant Features:

Tenant users will have access to all the features listed for the front end user and the following additional features:

1. Book Items for Rent
 - Select days (Days selection from calendar)
 - Cost Calculation (Total Cost = No. of days/hours*rental price)
 - Add To Cart
(We will use the default cart of Yokart, a product type (Purchase/Rental) will be mentioned against cart items)
2. Checkout Process (Default YoKart check out)
 - Post successful checkout user will be able to see the owner details on thank you page with a Contact Owner Button.
 - Contact Owner Button (On click)
 - Message Pop Up Box

- Subject
- Message
- Send Message
- Contact details of the owner will be visible :
 - On the My Orders--> Rented Orders section

3. Messages

Default messages tab on Buyer dashboard in Yo-Kart.

4. My Orders

- Product Orders (Default Yo-Kart Features)
- Rented Orders
 - Search Filters
 - Keyword search
 - Date Filters
 - List of all the items booked for renting
 - S.No.
 - Item Image
 - Item title
 - Unit Price
 - Security Deposit
 - Total Price
 - Status
 - Complete
 - Pending
 - Rental Returned
 - Rental Owned
 - Own It Button
 - Actions
 - View
 - Give Review & Ratings
(Only when the order is marked as completed by the admin)

5. Favorite Items

- Item(s) (Default Yo-kart)
- Shops
- Rental Items
 - List of all the rental items set as favorites
 - S.No.
 - Item Image
 - Item title
 - Unit Price
 - Actions –
 - Un Favorite
 - Book Now

Book Now will add the item to cart.

6. Messages: Default YoKart messaging feature.

Web-Admin Features:

1. Catalogue

- Rental Categories
 - Add Rental Category
 - Add Category elements :
 - Category Name
 - URL Keywords
 - Description
 - Image
 - Category Parent
 - Category Filters
 - Display order
 - Featured (check /uncheck)
 - Page Title
 - Meta Keywords
 - Meta Description
 - List of Rental Categories
 - Name
 - Parent category
 - Active
 - Sub category count
 - Actions
 - Active / Inactive
 - Edit
 - Delete
- Rental Attributes
 - Add Attributes
 - Attribute name
 - Display order
 - Attribute Type
 - Check box
 - Text Box
 - Text Area
 - Radio Button

2. Orders

- Owner Orders
 - Rental Orders
 - S.No
 - Item Image
 - Item title
 - Unit Price
 - Security Deposit
 - Total Price
 - Status
 - Complete
 - Pending
 - Rental Returned

- Rental Owned
- Payment Status
- Actions – View
 - Invoice Id
 - Payment Status
 - Order Date
 - Owner Details
 - Rental Item Details
 - Title
 - Description
 - Images
 - Item Description
 - Unit Price
 - Security Deposit
 - Total Price
 - Pick up & Drop Availability(Yes/No)
 - Billing Address
 - Owner Address
 - Shipping Address
 - Set Status
 - Complete
 - Rental Pending
 - Rental Returned
 - Rental Owned

3. Reports

- Rentals Listings
 - S.No.
 - Title
 - Item Description
 - Rental Price
 - Per Day
 - Rental Price
 - Per Hour
 - Security Deposit
 - Pick up & Drop Availability(Yes/No)
 - Commission
 - Export As CSV/Excel
- Rental Orders
 - S.No
 - Item title
 - Unit Price
 - Security Deposit
 - Total Price
 - Order Status
 - Payment Status
 - Export to CSV/Excel format

- 4. Settings
 - Rental Commission Settings (Same as YoKart system for Items Sold but separate settings for Items Rented)

6. Email Notifications

- E-mail notification for placing a rental order (Admin, Owner, Tenant)
- E-mail notification when an order status is changed (Admin, Owner, Tenant)
- E-mail notification when an own rental request is received(Owner)

7. Third Party API's

- Payment Gateway API will be bought and provided by the client.
- The project quote includes an integration of a single payment gateway i.e. PayPal. If any other payment gateway is required to be integrated - that will cost USD 750 extra and API will be procured & provided by the client.
- For third Party APIs, we will require API documentation.

8. Exclusions

- Newsletter subscriber's list management - Admin will be able to download the CSV file OR we can integrate Mail Chimp for subscriber's list management. (As per client's requirement)
- Project scope does not include following features as these features will be used from the 3rd Party Application login interface i.e. Mail chimp account:
 - Scheduling/Sending out mailers
 - Mailer designing
 - Reports/Statistics
 - Un-subscribe
 - Confirmation Mail/Dripping Messages management and scheduling
 - Any other mass mailing or feature which is directly available into the 3rd Party Application Interface.
 - Shopping cart Integration/Development is not a part of the scope.