



# High Level Requirement Document

## Rental Marketplace

(Version 1.0)

Prepared by: FATbit Technologies

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## Contents

1. Purpose .....	3
2. Project Scope .....	3
3. Document Conventions .....	3
4. User Types.....	3
5. High Level Features for Project Scope .....	4
6. Email Notifications .....	12
7. Third Party API's.....	12
8. Exclusions.....	13

## 1. Purpose

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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

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The project aims to develop a renting market place, where owners can list articles that they want to rent. Owners will be uploading images and relevant details of the article(s) available for rent. Tenants will be able to browse through the website for required article(s) and select an item that they wish to rent.

The payments (rent and security) of the articles chosen by tenant for rent will be made online and withheld by the admin till the rented item is returned by the tenant to its owner.

## 3. Document Conventions

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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 to rent the listed articles.
- [Item] is an identifier for article which can be listed by owner(s) and rented by the Tenant(s).

## 4. User Types

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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 website which does not require registration/log-in.
2. Owner: Owners will be able to upload details pertaining to article/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 rent. Tenant users can also change the status of the rented order once he returns the 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 any item(s) posted by owner(s) for rental purpose.

## 5. High Level Features for Project Scope

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

### Front End User Features:

1. Home Page
  - Sliders
  - Quick Rental Search
  - Top Rental Categories
  - Popular Rentals
  - Popular Rental Cities
  
2. Registration
  - Registration Form – Name, Email, Phone Number, Address
  
3. Login
  - Login with Registered Details
  - Login with Social Media – FB, Gmail
  
4. Search Rentals Listings Page
  - Change Location (By default it shows location based on user IP location tracking)
  - Rent An Item Button (On click will redirect the user to login page)
  - Search functionality
    - Keyword Search
    - Location (Suggestive for Area, City & Country)
  - Rental Category Listings
    - Top/Featured Categories (Default count set by admin)
    - All categories Listing
      - Thumbnail View

- Category Image
- Category Name

#### 5. 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 rating being the highest)
- Item's Description
- Rental Price for duration unit (day/hours etc.)
- Location
- View More / Pagination

#### 6. Rental Item Details Page

- Item Image
- Item Title
- Ratings (5 star rating being the highest)
- Item's Description
- Rental Price for duration unit (day/hours etc)
- Item's Main Image
- Item Images (Multiple images)
- Pick up & Drop-off Availability (Yes/No)
- Item published on Date/Time (Time can be optional)
- Advertiser/Owner Details
  - Name (visible)
  - Location
  - Email (partial visible eg: ra\*\*\*\*\*@gmail.com)
- 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 clicking "View All" button user will be redirect to the reviews page for respective item.
- Terms and Conditions (Tab 2)
  - Content (Text manageable from owner's interface)
- Book Now Button
- Similar Listings: Listing of Similar articles listed on website displayed below the subject item's details.

## Owner Features:

1. Add An Item for Rent
  - 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-off Availability (Yes/No)
  - Security Deposit
  - Terms and Conditions
  - Address

Owner's Address: By default it will show the address capture at the time of registration.
  
2. My Rental Ads
  - Owners will have a Rental's Advertisements 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 for duration unit (day/hours etc.)
        - Status (available/rented)
        - Booked Price
        - Security Deposit
        - Actions – View / Edit / Delete
  
3. Ownership Requests :
  - Ownership Request Listings
    - S.No
    - Item Image
    - Item title
    - Rental Amount
    - Buy Price

- Security Deposit
- Actions – Approve / Disapprove
- Ownership Request Details
  - S.No
  - Owner Details
  - Tenant Details
  - Item Image
  - Item title
  - Rent Unit Price
  - Rental Period
  - Rental Amount
  - Security Deposit
  - Requested Buy Price
  - Actions – Approve / Disapprove
  
- 4. Sales
  - Rental Sales -Income received from rented items
    - S.No
    - Item Image
    - Item title
    - Unit Price for duration unit (day/hours etc.)
    - Duration (for which article is to be rented for)
    - Security Deposit
    - Total Price
    - Status
      - Complete
      - Pending
      - Rental Returned
      - Rental Owned
    - Payment Status
    - Actions – View
  
- 5. Messages
  - Message Listings
  - Message Details

#### Tenant Features:

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

1. Book Items for Rent

- Select hours/days (Days selection from calendar)
- Cost Calculation (Total Cost = No. of days/hours\*rental price)
- Add To Cart
- Checkout( Only security deposit will be charged)

## 2. Checkout Process

- 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 also be visible :
    - On the My Orders--> Rented Orders section

## 3. Messages

- Message Listings
- Message Details

## 4. My Orders

- Rented Orders
  - Search Filters
    - Keyword search
    - Date Filters
  - List of all the items booked for renting
    - S.No.
    - Item Image
    - Item title
    - Unit Price for duration unit (day/hours etc.)
    - 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

- List of all the rental items set as favorites
  - S.No.
  - Item Image
  - Item title
  - Unit Price for duration unit (day/hours etc)
  - Actions –
    - Un Favorite
    - Book Now (Book Now will add the item to cart.)

#### 6. Messages:

- Message Listings
- Message Details

### Web-Admin Features:

1. Dashboard
2. Users
  - Owners
  - Tenants
3. Rentals
  - Rental Items
    - Rental Item Listings
      - Title
      - Item Main Image
      - Rental Price (select one unit from below listed)
        - Per Day
        - Per Hour
      - Security Deposit
      - Actions – Active / Inactive
    - Rental Item Details
      - 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-off Availability (Yes/No)
- Security Deposit
- Terms and Conditions
- Address

Owner's Address: By default it will show the address capture at the time of registration.

- 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

#### 4. Orders

- Rental Orders
  - S.No.
  - Item Image
  - Item title
  - Unit Price for duration unit (day/hours etc.)
  - 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 for duration unit (day/hours etc)
    - 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

## 5. 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 for duration unit (day/hours etc)
  - Security Deposit

- Total Price
- Order Status
- Payment Status
- Export to CSV/Excel format

## 6. Settings

- General Settings:
  - Server time,
  - Location Settings,
  - Logo Management ,
  - Admin email settings
  - SEO Settings
  - API settings
  - Email settings
- Rental Commission Settings
- Country Management
- State Management
- Current Management
- Payment Methods
- Email Templates

## 7. CMS

- Content Pages Management
- Content Blocks Management
- Language Management
- Sliders Management
- FAQs Management
- Testimonials Management
- Social Platforms Management

## 6. Email Notifications

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- 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 ownership request is received (Owner)
- Email notification when an ownership request is approved (Tenant)

## 7. Third Party API's

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- 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

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- 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.