

Tent House Rental
Functionality Description Document

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Change Log

#	Description	Author	Date
1	Backend Project Setup	Rajat Verma	01/12/22
2	Frontend Project Setup	Rajat Verma	01/12/22
3	DB Creation and integration	Rajat Verma	01/12/22
4	UML Design	Rajat Verma	01/12/22
5	Create Model on User, Product, Transaction	Rajat Verma	02/12/22
6	Create README.md file	Rajat Verma	02/12/22
7	Create Login/Signup API for user	Rajat Verma	02/12/22
8	Create Rent Product API	Rajat Verma	05/12/22
9	Create the Inventory Summery API	Rajat Verma	05/12/22
10	Create Add Product, Delete Product, Get Product API	Rajat Verma	06/12/22
11	Create the Transaction Details API	Rajat Verma	06/12/22

#	Description	Author	Date
12	Create the Out Product API	Rajat Verma	07/12/22
13	Create Sign UI	Rajat Verma	08/12/22
14	Create Login UI	Rajat Verma	09/12/22
15	Create Product table UI (with sorting and pagination)	Rajat Verma	12/12/22
16	Create Inventory summary UI	Rajat Verma	13/12/22
17	Create Transaction UI	Rajat Verma	13/12/22
18	Create Profile Page UI	Rajat Verma	14/12/22
19	Implement the Pop for Validation	Rajat Verma	14/12/22
20	Implement the PDF Button download	Rajat Verma	14/12/22

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1. Overview

This project is the Tent house rent project. where user can take the different items on rent. User can see the their transaction , which he already done in the past.

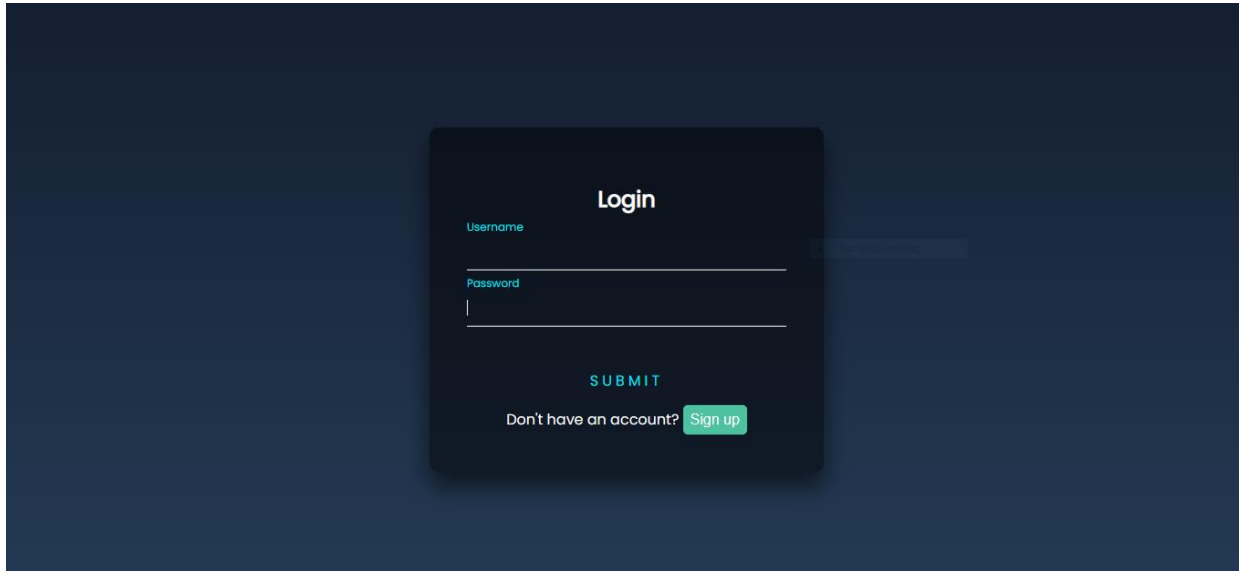
2. Features

Milestone 1: Worked On the Basic Features

- α) User can create new account.
- β) User can login their account.
- χ) Here is the product list , where user can see all the products and their price and stock quantity.
- δ) User create new transaction , where user take new item for the rent.
- ε) User can return the product.
- φ) User can see the their transaction , which he done in the past.
- γ) User can see their profile details like (name, email, transaction history).
- η) User can download the table of inventory with pdf format.

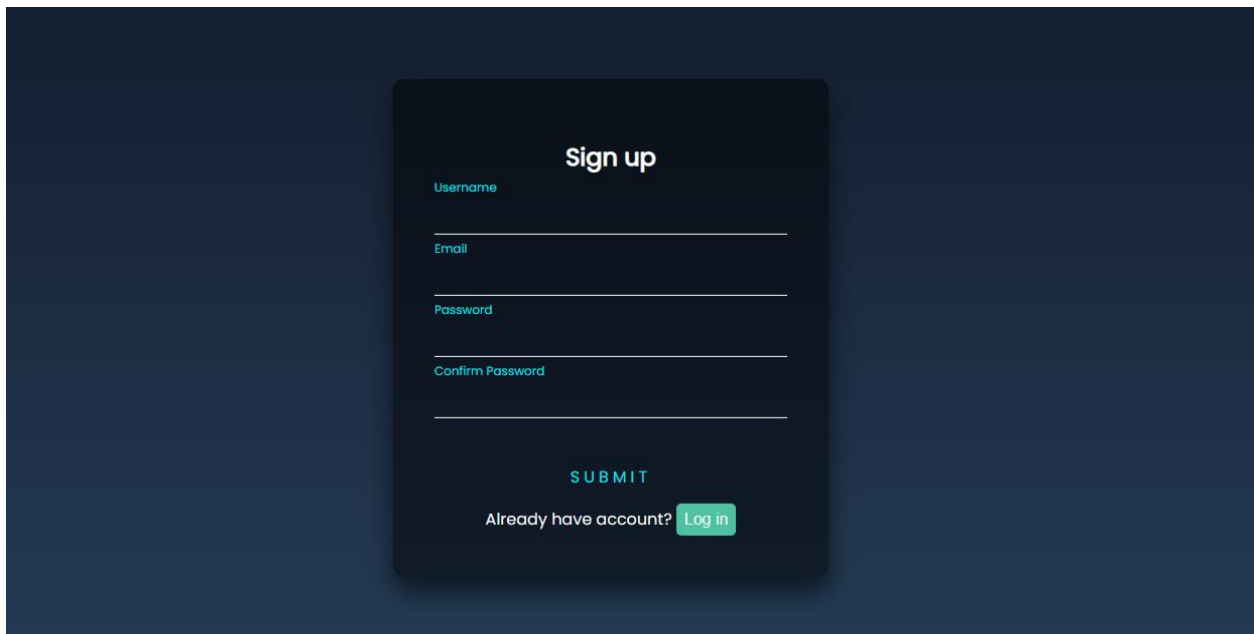
- 1) In the table shows the pagination where next and previous button implemented.

3. Login -



A dark-themed login form centered on a dark blue background. The form is a dark gray rounded rectangle with a subtle shadow. At the top, the word "Login" is written in white. Below it, there are two input fields: "Username" and "Password", both with white labels and white text. To the right of the "Password" field is a small, light gray button labeled "Forgot Password". Below the input fields is a green "SUBMIT" button. At the bottom, there is a link "Don't have an account?" followed by a green "Sign up" button.

4. Sign in -



A dark-themed sign up form centered on a dark blue background. The form is a dark gray rounded rectangle with a subtle shadow. At the top, the words "Sign up" are written in white. Below it, there are four input fields: "Username", "Email", "Password", and "Confirm Password", all with white labels and white text. Below the input fields is a green "SUBMIT" button. At the bottom, there is a link "Already have account?" followed by a green "Log in" button.

5. Dashboard -

Tent Rental House

Our Product

Our Inventory Summary

Transaction Details

R

Title	Price per day	Quantity total	Quantity Available	Quantity Booked	Rent
Apple Smart-Watch	2000.00	1400	1110	290	Rent
fan	15.00	100	74	26	Rent
Laptop	120.00	400	270	130	Rent
Sony HeadPhone	120.00	1000	500	500	Rent

Previous

1

2

Next

6. Inventory -

Tent Rental House

Our Product

Our Inventory Summary

Transaction Details

R

Item Id	Title	Quantity Available
1	Apple Smart-Watch	1110
2	fan	74
3	Sumsung Camera	8500
4	Sony HeadPhone	500

Previous

1

2

Next

Download Table

7. Transaction Page -

Tent Rental House	Our Product	Our Inventory Summary	Transaction Details	R
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Customer name	Product title	Product price per day	Transaction type	Date	Quantity
Kabir	fan	15	In	2022-12-15	5
Kabir	Sony HeadPhone	120	In	2022-12-15	50
kiran	Apple Smart-Watch	2000	In	2022-12-15	10
raj	fan	15	In	2022-12-15	10

Previous

1

2

3

4

5

6

7

Next

Download Table

8. Profile Page -

Tent Rental House

Our Product

Our Inventory Summary

Transaction Details

R

My Transaction Details
→

My Details
→

8.2 Profile page with table -

Tent Rental House

Our Product

Our Inventory Summary

Transaction Details

R

My Transaction Details
↓

Name	Title	Price per Day	Quantity	Transaction Type	Date	Total price paid	Action
rajat	Apple Smart-Watch	2000	100	In	2022-12-15	200000	<div>Out</div>
rajat	Sony HeadPhone	120	50	In	2022-12-15	6000	<div>Out</div>
rajat	Laptop	120	100	In	2022-12-15	12000	<div>Out</div>
rajat	Apple Smart-Watch	2000	100	Out	2022-12-15	Paid	<div>Out</div>

My Details
↓

Previous 1 2 3 Next

rajat

rajat123@gmail.com

9. Order Rent Page-

Order Rent From

Product Name

fan

Price

15.00

Booking Quantity

ORDER BOOK

10. Product Return Page -

Product Out From

Product Name

Sony HeadPhone

Quantity Available

50

Your Quantity

PRODUCT RETURN

11.Thanks Page -

Thanks for the business with us

[Back to the home page](#)



3. Technologies Used

- Python
- Django

- React JS
- PostgreSQL (Database)
- **Package in React JS**
- Material UI
- React-paginate
- jspdf
- react-router-dom
- axios

