

Bed_Availability_System

Introduction

- a. Application should be able to show available beds with categories and price
- b. Application should display best deals (packages)
- c. Customer can book a room, based on check in & check out date application should display price
- d. Application should display available services along with (food, gym, swimming)
- e. If Customer avail the service charges needs to be added in the package
- f. Admin can view booking & taken services.
- g. Admin can filter data based on categories, services taken

Food

GET Show All Foods

https://localhost:44379/api/Food

Example Request

https://localhost:44379/api/Food

```
curl --location --request GET 'https://localhost:44379/api/Food'
```

Example Response

200 OK

Body

Header (5)



```
[
  {
    "id": 1,
    "foodName": "gulabjamun",
    "description": "sweet",
    "price": 150,
    "image": null
  },
  {
    "id": 2,
```

View More

GET Food/id

https://localhost:44379/api/Food/1

Example Request

New Request

```
curl --location --request GET 'https://localhost:44379/api/Food/1'
```

Example Response

200 OK

Body Header (5)

```
{
  "id": 1,
  "foodName": "gulabjamun",
  "description": "sweet",
  "price": 150,
  "image": null
}
```

POST Create Food

https://localhost:44379/api/Food

BODY raw

Documentation Settings ▼

```
{  
  
  "foodName": "kaju katli",  
  "description": "sweet",  
  "price": 150,  
  "image": null  
}
```

Example Request

New Request

```
curl --location --request POST 'https://localhost:44379/api/Food' \  
--data-raw '{  
  
  "foodName": "kaju katli",  
  "description": "sweet",  
  "price": 150,  
  "image": null  
}'
```

Example Response

200 OK

Body Header (7)

Successfully Added

DEL Delete Food/id

Example Request

New Request

```
curl --location --request DELETE 'https://localhost:44379/api/Food/1'
```

Example Response

200 OK

Successfully Deleted

PUT Update Food/id

https://localhost:44379/api/Food/1

BODY raw

```
{
  "foodName": "kaju katli",
  "description": "sweet",
  "price": 150,
  "image": "https://www.cookwithkushi.com/wp-content/uploads/2021/05/d.jpg"
}
```

Example Request

Update Food

```
curl --location --request PUT 'https://localhost:44379/api/Food/1' \
--data-raw '{
  "foodName": "kaju katli",
  "description": "sweet",
  "price": 150,
  "image": "https://www.cookwithkushi.com/wp-content/uploads/2021/05/d.jpg"
}'
```

Example Response

200 OK

BodyHeader (7)

Food Updated

GET Show All Drink

https://localhost:44379/api/Drink

Example Request

New Request

```
curl --location --request GET 'https://localhost:44379/api/Drink'
```

Example Response

200 OK

Body	Header (5)
<div>[{ "id": 1, "drinkName": "Margarita", "price": 100, "image": "https://hips.hearstapps.com/hmg-prod.s3.amazonaws.com/images/margarita-1592951298.jpg?crop=:", }, { "id": 2, "drinkName": "Cosmopolitan", "price": 120, "image": "https://hips.hearstapps.com/hmg-prod.s3.amazonaws.com/images/cosmopolitan-1592951298.jpg?crop=:", },]</div>	
<div>View More</div>	

GET Drink/id

https://localhost:44379/api/Drink/1

Example Request

Drink/?id

```
curl --location --request GET 'https://localhost:44379/api/Drink/1'
```

Example Response

200 OK

Body	Header (5)
------	------------

```
{
  "id": 1,
  "drinkName": "Margarita",
  "price": 100,
  "image": "https://hips.hearstapps.com/hmg-prod.s3.amazonaws.com/images/margarita-1592951298.jpg?crop=1x1"
}
```

POST Create Drink

https://localhost:44379/api/Drink

BODY raw

```
{
  "drinkName": "Negroni",
  "price": 100,
  "image": "https://hips.hearstapps.com/hmg-prod.s3.amazonaws.com/images/negroni-1592951342.jpg?crop=1x1"
}
```

Example Request

New Request

```
curl --location --request POST 'https://localhost:44379/api/Drink' \
--data-raw '{
  "drinkName": "Negroni",
  "price": 100,
  "image": "https://hips.hearstapps.com/hmg-prod.s3.amazonaws.com/images/negroni-1592951342.jpg?crop=1x1"
}'
```

Example Response

200 OK

Body Header (7)

Successfully Added

DEL Delete Drink/id

https://localhost:44379/api/Drink/1

Example Request

Delete Drink/?id

```
curl --location --request DELETE 'https://localhost:44379/api/Drink/1'
```

Example Response

200 OK

Body

Header (7)

Successully Deleted

PUT Update Drink/Id

https://localhost:44379/api/Drink/1

BODY raw

```
{
  "id": 2,
  "drinkName": "Apple Martini",
  "price": 450,
  "image": "https://www.hangoverweekends.co.uk/media/15499/applemar.gif?width=217px&height=316px"
}
```

Example Request

Update Drink

```
curl --location --request PUT 'https://localhost:44379/api/Drink/1' \
--data-raw '{
  "id": 2,
  "drinkName": "Apple Martini",
  "price": 450,
  "image": "https://www.hangoverweekends.co.uk/media/15499/applemar.gif?width=217px&height=316px"
}'
```

Example Response200 OK

BodyHeader (7)

Drink Updated

Room

GET Show All Rooms

https://localhost:44379/api/RoomViewModel

Example RequestGet Rooms

curl --location --request GET 'https://localhost:44379/api/RoomViewModel'

Example Response200 OK

BodyHeader (5)


```
[
  {
    "id": 1,
    "number": 104,
    "description": "single bed with ac",
    "type": "Single Bed",
    "charges": 1100,
    "status": "Available",
    "image": "https://images.woodenstreet.de/image/cache/data%2Fsingle-beds-mdf%2Fbartha-single-bed-with-l"
  },
  ...
]
```

View More

GET Get Room/id

https://localhost:44379/api/RoomViewModel/1

Example Request

Get Room/?id

```
curl --location --request GET 'https://localhost:44379/api/RoomViewModel/1'
```

Example Response

200 OK

Body Header (5)

```
{
  "id": 1,
  "number": 104,
  "description": "single bed with ac",
  "type": "Single Bed",
  "charges": 1100,
  "status": "Available",
  "image": "https://images.woodenstreet.de/image/cache/data%2Fsingle-beds-mdf%2Fbartha-single-bed-with-bo"
}
```

POST Create Room

https://localhost:44379/api/RoomViewModel

BODY raw

```
{
  "number": 111,
  "description": "single bed withou Ac",
  "type": "Single Bed",
  "charges": 800,
  "status": "Available",
  "image": "https://www.luxuryfurnituremr.com/images/tb/7/4/6/74655/14262124892413_w904h3000.jpg"
}
```

Example Request

Create Room

```
curl --location --request POST 'https://localhost:44379/api/RoomViewModel' \
--data-raw '{
  "number": 111,
  "description": "single bed withou Ac",
  "type": "Single Bed",
  "charges": 800,
  "status": "Available",
  "image": "https://www.luxuryfurnituremr.com/images/tb/7/4/6/74655/14262124892413_w904h3000.jpg"
}'
```

Example Response

200 OK

Body Header (7)

Successully Added

DEL Delete Room/id

```
https://localhost:44379/api/RoomViewModel/1
```

Example Request

Delete Room/?id

```
curl --location --request DELETE 'https://localhost:44379/api/RoomViewModel/1'
```

Body

Header (7)

Successfully Deleted

PUT Update Room/id

https://localhost:44379/api/RoomViewModel/1

BODY raw

```
{
  "number": 111,
  "description": "single bed withou Ac",
  "type": "Single Bed",
  "charges": 1000,
  "status": "Available",
  "image": "https://www.luxuryfurnituremr.com/images/tb/7/4/6/74655/14262124892413_w904h3000.jpg"
}
```

Example Request

Update Room/?id

```
curl --location --request PUT 'https://localhost:44379/api/RoomViewModel/1' \
--data-raw '{
  "number": 111,
  "description": "single bed withou Ac",
  "type": "Single Bed",
  "charges": 1000,
  "status": "Available",
  "image": "https://www.luxuryfurnituremr.com/images/tb/7/4/6/74655/14262124892413_w904h3000.jpg"
}'
```

View More

Example Response

200 OK

Body

Header (7)

Room Updated

Reservation

GET Show All Reservations

https://localhost:44379/api/Reservation

AUTHORIZATION

Bearer Token

Example Request

Get Reservations

```
curl --location --request GET 'https://localhost:44379/api/Reservation' \
--data-raw ''
```

Example Response

200 OK

Body Header (5)

```
[
  {
    "id": 2,
    "description": "single",
    "dateIn": "2022-01-09T00:00:00",
    "dateOut": "2022-01-10T00:00:00",
    "customer_id": 1,
    "room_id": 1,
    "customer": null,
    "room": null
  }
]
```

View More

GET Get Reservations/id

https://localhost:44379/api/Reservation/2

```
curl --location --request GET 'https://localhost:44379/api/Reservation/2'
```

Example Response

200 OK

Body

Header (5)

```
{
  "id": 2,
  "description": "single",
  "dateIn": "2022-01-09T00:00:00",
  "dateOut": "2022-01-10T00:00:00",
  "customer_id": 1,
  "room_id": 1,
  "customer": null,
  "room": null
}
```

View More

POST Create Reservation

https://localhost:44379/api/Reservation

BODY raw

```
{
  "description": "Double",
  "dateIn": "2022-01-09T00:00:00",
  "dateOut": "2022-01-10T00:00:00",
  "customer_id": 1,
  "room_id": 1,
  "customer": null,
  "room": null
}
```

Example Request

Create Reservation

```
curl --location --request POST 'https://localhost:44379/api/Reservation' \
--data-raw '{
    "description": "Double",
    "dateIn": "2022-01-09T00:00:00",
    "dateOut": "2022-01-10T00:00:00",
    "customer_id": 1,
    "room_id": 1,
    "customer": null,
    "room": null
}'
```

View More

Example Response

200 OK

Body Header (7)

Successfully Added

PUT Update Reservation/id

https://localhost:44379/api/Reservation/2

BODY raw

```
{
  "description": "Triple With AC",
  "dateIn": "2022-01-11T04:36:28.721Z",
  "dateOut": "2022-01-12",
  "customer_id": 1,
  "room_id": 1
}
```

Example Request

Update Reservation

```
curl --location --request PUT 'https://localhost:44379/api/Reservation/2' \
--data-raw '{
  "description": "Triple With AC",
  "dateIn": "2022-01-11T04:36:28.721Z",
  "dateOut": "2022-01-12",
  "customer_id": 1,
  "room_id": 1
}'
```

Example Response

200 OK

Body

Header (7)

Reservation Updated

DEL Delete Reservation/id

https://localhost:44379/api/Reservation/4

Example Request

Delete Reservation

curl --location --request DELETE 'https://localhost:44379/api/Reservation'

Example Response

200 OK

Body

Header (7)

Successfully Deleted

Account


GET Show All Account

https://localhost:44379/api/Account

Example Request

Show All Account

`curl --location --request GET 'https://localhost:44379/api/Account'`

Documentation Settings 

Example Response

200 OK

Body Header (5)

```
[
  {
    "city": "Pune",
    "password": "yash5656@",
    "confirmPassword": "yash5656@",
    "id": 1,
    "userName": "yash",
    "normalizedUserName": "string",
    "email": "yashrajtiwari32@gmail.com",
    "normalizedEmail": "string",
```

View More

GET Account/id

https://localhost:44379/api/Account/1

Example Request

Account/id

`curl --location --request GET 'https://localhost:44379/api/Account/1'`

Example Response

200 OK

Body Header (5)

```
{
  "city": "Pune",
  "password": "yash5656@",
  "confirmPassword": "yash5656@",
  "id": 1,
  "userName": "yash",
  "normalizedUserName": "string",
  "email": "yashrajtiwari32@gmail.com",
  "normalizedEmail": "string",
  "emailConfirmed": true,
```

View More

GET Create Account



No request URL found. It will show up here once added.

Example Request

New Request

```
curl --location --request POST 'https://localhost:44379/api/Account' \
--data-raw '{
  "city": "Amravati",
  "password": "yash8676@",
  "confirmPassword": "yash8676@",

  "userName": "raj7656",
  "normalizedUserName": "raj7656",
  "email": "yashrajtiwari96@gmail.com",
  "normalizedEmail": "yashrajtiwari96@gmail.com",
```

View More

Example Response

200 OK

Body Header (7)

Successfully Added

PUT Update Account/id

https://localhost:44379/api/Account/1

BODY raw

```
{  "city": "Achalpur",
  "password": "yash8676@",
  "confirmPassword": "yash8676@",

  "userName": "raj9656",
  "normalizedUserName": "raj9656",
  "email": "yashrajtiwari96@gmail.com",
  "normalizedEmail": "yashrajtiwari96@gmail.com",
  "emailConfirmed": true,
  "passwordHash": "string",
```

View More

Example Request

Update Account

```
curl --location --request PUT 'https://localhost:44379/api/Account/1' \
--data-raw '{  "city": "Achalpur",
  "password": "yash8676@",
  "confirmPassword": "yash8676@",

  "userName": "raj9656",
  "normalizedUserName": "raj9656",
  "email": "yashrajtiwari96@gmail.com",
  "normalizedEmail": "yashrajtiwari96@gmail.com",
  "emailConfirmed": true,
```

View More

Example Response

200 OK

Body

Header (7)

Successfully Updated

GET Delete Account/id

No request URL found. It will show up here once added.

Example Request

Delete Account/id

```
curl --location --request GET ''
```

Invoice

GET Show All Invoice

https://localhost:44379/api/InvoiceViewModel



Example Request

Show All Invoice

```
curl --location --request GET 'https://localhost:44379/api/InvoiceViewModel'
```

Example Response

200 OK

Body Header (5)

```
[
  {
    "id": 1,
    "customer": null,
    "services": null,
    "rooms": null,
    "cost": 150
  }
]
```

GET Invoice/id

https://localhost:44379/api/InvoiceViewModel/1

Example Request

Invoice/id

```
curl --location --request GET 'https://localhost:44379/api/InvoiceViewModel/1'
```

Example Response

200 OK

Body Header (5)

```
{
  "id": 1,
  "customer": null,
  "services": null,
  "rooms": null,
  "cost": 150
}
```

PUT Update Invoice/id

https://localhost:44379/api/InvoiceViewModel/1

BODY raw

```
{
  "customer": null,
  "services": null,
  "rooms": null,
  "cost": 250
}
```

Example Request

Update Invoice/id

```
curl --location --request PUT 'https://localhost:44379/api/InvoiceViewModel/1' \
--data-raw '{
  "customer": null,
  "services": null,
  "rooms": null,
  "cost": 250
}'
```

Example Response

200 OK

Body

Header (7)

Invoice Updated

POST Create Invoice

https://localhost:44379/api/InvoiceViewModel

BODY raw

```
{
  "customer": null,
  "services": null,
  "rooms": null,
  "cost": 350
}
```

Example Request

Delete Invoice

```
curl --location --request POST 'https://localhost:44379/api/InvoiceViewModel' \
--data-raw '{
  "customer": null,
  "services": null,
  "rooms": null,
  "cost": 350
}'
```

Example Response

200 OK

Body

Header (7)

Successfully Added

DEL Delete Invoice

https://localhost:44379/api/InvoiceViewModel/2

Example Request

Delete Invoice

```
curl --location --request DELETE 'https://localhost:44379/api/InvoiceViewModel/2'
```

Example Response

200 OK

Body

Header (7)

Service

GET Show All Service

https://localhost:44379/api/Service

Example Request

Show All Service

```
curl --location --request GET 'https://localhost:44379/api/Service'
```

Example Response

200 OK

Body

Header (5)

```
[
  {
    "id": 1,
    "service_Type": "Room",
    "room_NO": 1,
    "status": "Available",
    "service_Date": "2022-01-10T05:06:54.463",
    "description": "Single Bed",
    "cost": 1000,
    "table_No": 1,
```

View More

GET Request/id

https://localhost:44379/api/Service/1

Example Request

Request/id

curl --location --request GET 'https://localhost:44379/api/Service/1'

Documentation Settings

Example Response

200 OK

Body

Header (5)

```
{
  "id": 1,
  "service_Type": "Room",
  "room_NO": 1,
  "status": "Available",
  "service_Date": "2022-01-10T05:06:54.463",
  "description": "Single Bed",
  "cost": 1000,
  "table_No": 1,
  "customer": null,
```

View More

POST Create Service

https://localhost:44379/api/Service

BODY raw

```
{

  "service_Type": "Room",
  "room_NO": 1,
  "status": "Available",
  "service_Date": "2022-01-10T05:06:54.463Z",
  "description": "Double Bed",
  "cost": 1100,
  "table_No": 1
```

View More

Example Request

Create Service

```
curl --location --request POST 'https://localhost:44379/api/Service' \
--data-raw '{

  "service_Type": "Room",
  "room_NO": 1,
  "status": "Available",
  "service_Date": "2022-01-10T05:06:54.463Z",
  "description": "Double Bed",
  "cost": 1100,
  "table_No": 1
}
```

View More

Example Response

200 OK

Body Header (7)

Successfully Added

PUT Update Service/id

https://localhost:44379/api/Service/1

BODY raw

```
{
  "service_Type": "Room",
  "room_NO": 1,
  "status": "Available",
  "service_Date": "2022-01-10T05:06:54.463Z",
  "description": "Single Bed",
  "cost": 1000,
  "table_No": 1
}
```

Example Request

Update Service/id


```
curl --location --request PUT 'https://localhost:44379/api/Service/1' \
--data-raw '{
  "service_Type": "Room",
  "room_NO": 1,
  "status": "Available",
  "service_Date": "2022-01-10T05:06:54.463Z",
  "description": "Single Bed",
  "cost": 1000,
  "table_No": 1
}'
```

View More

Example Response

200 OK

Body

Header (7)

Service Updated

DEL Delete Service

https://localhost:44379/api/Service/1

Example Request

Delete Service

```
curl --location --request DELETE 'https://localhost:44379/api/Service/1'
```

Example Response

200 OK

Body

Header (7)