Service Provider-

Database -

service -table - (long:service\_id, string:service\_name)

providers - table - (long:provider\_id,String provider\_name, password, provider\_mail, authtype, locations, phone\_no, authid)

ServicesProvider table - (provider\_id, service\_id, description , service\_price, discount)

Customers table - (customer\_id, customer\_mail, password, location, phone\_no, authtype ,customer\_name, password ,authid)

Bookings (booking\_id,customer\_id,service\_id,provider\_id, status , booking\_date , prices)

RatingsTable(service\_id,provider\_id,rating,booking\_id,desc)

BackEnd -

Common API’s - A

1. getServices - (C&P)

ServiceProvide API’s - B

1. createServiceProvider
2. updateServiceProvider
3. addSubService
4. modifySubService
5. removeSubService
6. getBookingFromCustomer (for status)
7. serviceProviderLogin
8. updateStatus

Customer API’s - C

1. createCustomer
2. updateCustomer (optinal)
3. customerLogin
4. bookService
5. updateBooking(add rating or cancel)
6. getBookingList

FrontEnd - (Angular)

Login - customer or provider (c3 & b7)

Register- customer or provider (b1,c1)

Customer

Home (a1,a2)

Search

Display Services

Bookings (c6)

Profile

Order (c4)

Description

Cost

Book

Bookings (c5)

List of bookings

Check status

Rating

Cancel

Provider

Home(a1,a2)

Show Bookings(B6)

show subService

Add service(b3)

Show bookings on click(b6)

Cust details

Desc

Update status(b8)

subService

Modify- discount,cost

addService

Select subservice

Define cost

Description

Common API’s - A

getServices - (C&P) --> /service/

getBookingList /{userId}/bookings -->we need user type

ServiceProvide API’s - B

/provider

createServiceProvider /signUp ->P done

updateServiceProvider /{providerId}/update ->P

addSubService /{providerId}/service/add ->P&S done

modifySubService /{providerId}/service/{serviceId}/update ->P&S done

removeSubService /{providerId}/service/{serviceId}/remove ->P&S

getBookingFromCustomer (for status) /{providerId}

updateStatus /{providerId}/customer/{customerId}/booking/{bookingId}/update done

listofservices /services/{provider\_id} done

serviceProviderLogin (without provider)/login/{userName} ->P

Customer API’s - C

/customer

createCustomer /signUp ->C

Get boonings for a customer

updateCustomer (optinal) /{customerId}/update ->C

customerLogin (without customer)/login/{userName} ->C

bookService /{customerId}/service/{serviceId}/provider/{providerId}/book

updateBooking( cancel) /{customerId}/service/{serviceId}/provider/{providerId}/update

addRating /

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| --- | --- | --- |
| Method | API url starts | operation |
| GET | /login | Login In Page |
| GET | /services | Get all the servies |
| GET | {provider\_id}/services | Get Services provided by the provider |
| PUT | {provider\_id} /services/new | Create provider specific new service (This will return the entire tu) |
| PUT | {provider\_id}/services/{service\_id} | Add a specific service that is already existing |
| UPDATE | {provider\_id}/services/new | Update the services |
| DELETE | {provider\_id}/services/{service\_id} | Delete the particular service provides |
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| /customer/signup | Create a new customer |  |
| /customer/update | Update an existing customer | (optioal) |
| /customer/getBookings/{customerId} | Get all bookings by a specific customer |  |
| /customer/providerDetails/{service\_id} | Get all the providers, providing a particular service along with cost, description,  discounts |  |
| /customer/bookService  {  Customer\_id, service\_id,  provider\_id  price  } | Book a particular service, of a particular provider. |  |
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1. Rame -capre - dat - cost - status
2. Rame - clesa -

PROVIDERS API’s

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| --- | --- | --- |
| /post | localhost:8080/provider/signup  Send in body as-  {  "providerName":"tommy",  "password":"12345",  "providerEmail":"tommy@gmail.com",  "providerPhone":"9999456789",  "providerLocation":"england"  }  U will get-  {  "providerId": 3,  "providerName": "tommy shelby",  "providerEmail": "tommy@gmail.com",  "password": "98765",  "providerPhone": "9777945670",  "providerLocation": "england"  } | Create new provider.  Use for register new provider |
| /post | localhost:8080/provider/service/addService  Send in body as-  {  "serviceId":8,  "providerId":3,  "serviceDescription":"providing best car washes in the city at reasonable price",  "discount":10 ,  "price":500  }  U will get-  {  "spId": "8\_3",  "foreignServiceId": {  "serviceId": 8,  "serviceName": "car-wash"  },  "foreignProviderId": {  "providerId": 3,  "providerName": "tommy shelby",  "providerEmail": "tommy@gmail.com",  "password": "98765",  "providerPhone": "9777945670",  "providerLocation": "england"  },  "serviceDescription": "providing best car washes in the city at reasonable price",  "discount": 10,  "price": 500  } | Provider adding new service ,if service name already present |
| /get | localhost:8080/provider/service/all?providerId=24  U will get-  [  {  "sidId": 28,  "serviceDescription": "baadshah detective services branch 2",  "discount": 100,  "price": 50000,  "serviceId": {  "serviceId": 25,  "serviceName": "painter"  },  "providerId": {  "providerId": 24,  "providerName": "john",  "providerEmail": "john@gmail.com",  "password": "98765",  "providerPhone": "9777945670",  "providerLocation": "england"  }  }  ] | To get all services provided by provider. |
| /get | localhost:8080/provider/service/single?providerId=24&serviceId=25  U will get-  {  "sidId": 28,  "serviceDescription": "baadshah detective services branch 2",  "discount": 100,  "price": 50000,  "serviceId": {  "serviceId": 25,  "serviceName": "painter"  },  "providerId": {  "providerId": 24,  "providerName": "john",  "providerEmail": "john@gmail.com",  "password": "98765",  "providerPhone": "9777945670",  "providerLocation": "england"  }  } | Get single service details provided by provider |
| /get | localhost:8080/provider/bookings/all  localhost:8080/provider/bookings/all?providerId=3  U will get -  {  "bookingId": 11,  "providerName": "tommy shelby",  "customerName": "hari",  "serviceName": "car-painter",  "bookingStatus": "Processing",  "bookingDate": "2021-03-07",  "bookingCost": 300  },  {  "bookingId": 12,  "providerName": "tommy shelby",  "customerName": "ram",  "serviceName": "car-painter",  "bookingStatus": "Processing",  "bookingDate": "2021-03-07",  "bookingCost": 300  },  {  "bookingId": 14,  "providerName": "tommy shelby",  "customerName": "ram",  "serviceName": "car-wash",  "bookingStatus": "Processing",  "bookingDate": "2021-03-07",  "bookingCost": 500  } | Get all bookings of a provider |
| /put | localhost:8080/provider/booking/updateStatus  localhost:8080/provider/booking/updateStatus?bookingId=11&status=Completed | To set the status of an ongoing order |

SERVICE api’s

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| --- | --- | --- |
| /post  {  "userMail" : "farhan@gmail.com",  "userPassword" : "1234"  } | localhost:8080/login  U will get-  {  "userType": "customer",  "userId": 1,  "userName": "Shadaab",  "userEmail": "farhan@gmail.com",  "userPhone": "1234567890",  "userLocation": "Hyderabad"  }  Invalid user -  Bad\_Request Status | For customer or provider login,  userTyper:  customer  provider  InvalidUser |
| /GET | localhost:8080/service  U will get-  [  {  "serviceId": 29,  "serviceName": "car-wash"  },  {  "serviceId": 25,  "serviceName": "painter"  },  {  "serviceId": 30,  "serviceName": "repairing"  }  ] | Get all services name |
| /POST | localhost:8080/service/addService  Send in body as-  {  "serviceName":"car-wash"  }  U will get-  {  "serviceId": 8,  "serviceName": "car-wash"  } | Add service name |

Customer Api’s

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| --- | --- | --- |
| /post | localhost:8080/customer/signup  U will send -  {  "customerName": "Huii",  "password": "Huii",  "customerEmail": "pqr@gmail.com",  "customerPhone": "2345678900" ,  "customerLocation" : "Huii"  }  Returned -  {  "customerId": 33,  "customerName": "Huii",  "password": "Huii",  "customerEmail": "pqr@gmail.com",  "customerPhone": "2345678900",  "customerLocation": "Huii"  } | * For new customer |
| /get | localhost:8080/customer/serviceProviders/{serviceId}  [  {  "spId": "6\_3",  "foreignServiceId": {  "serviceId": 6,  "serviceName": "car-painter"  },  "foreignProviderId": {  "providerId": 3,  "providerName": "tommy shelby",  "providerEmail": "tommy@gmail.com",  "password": "98765",  "providerPhone": "9777945670",  "providerLocation": "england"  },  "serviceDescription": "providing best carpainters in the city at reasonable price",  "discount": 5,  "price": 300  },  {  "spId": "6\_9",  "foreignServiceId": {  "serviceId": 6,  "serviceName": "car-painter"  },  "foreignProviderId": {  "providerId": 9,  "providerName": "aurther shelby",  "providerEmail": "aurther@gmail.com",  "password": "aurther123",  "providerPhone": "9888945670",  "providerLocation": "england"  },  "serviceDescription": "providing best quality carpainters in the city at reasonable price",  "discount": 15,  "price": 300  }  ] | To get all providers for a service |
| /post  {  "spId":"6\_3",  "customerId":1  } | localhost:8080/customer/bookService  {  "bookingId": 11,  "spId": {  "spId": "6\_3",  "foreignServiceId": {  "serviceId": 6,  "serviceName": "car-painter"  },  "foreignProviderId": {  "providerId": 3,  "providerName": "tommy shelby",  "providerEmail": "tommy@gmail.com",  "password": "98765",  "providerPhone": "9777945670",  "providerLocation": "england"  },  "serviceDescription": "providing best carpainters in the city at reasonable price",  "discount": 5,  "price": 300  },  "customerId": {  "customerId": 1,  "customerName": "hari",  "password": "1234",  "customerEmail": "hari@gmail.com",  "customerPhone": "2345678900",  "customerLocation": "mumbai"  },  "bookingStatus": "Processing",  "bookingDate": "2021-03-07",  "bookingCost": 300  } | * To book a service |
| /get | localhost:8080/customer/getBookings/(serviceId)  U will get -  {  "providerName": "tommy shelby",  "serviceName": "car-painter",  "bookingStatus": "Processing",  "bookingDate": "2021-03-07",  "bookingCost": 300  },  {  "providerName": "aurther shelby",  "serviceName": "car-painter",  "bookingStatus": "Processing",  "bookingDate": "2021-03-07",  "bookingCost": 300  } | * Get all providers offering a particular service |
| /post  {  "bookingId":11,  "ratingDescription":"good service",  "ratingPoints":9  } | localhost:8080/customer/rateService  {  "ratingId": 16,  "ratingDescription": "good service",  "ratingPoints": 9,  "bookingId": {  "bookingId": 11,  "spId": {  "spId": "6\_3",  "foreignServiceId": {  "serviceId": 6,  "serviceName": "car-painter"  },  "foreignProviderId": {  "providerId": 3,  "providerName": "tommy shelby",  "providerEmail": "tommy@gmail.com",  "password": "98765",  "providerPhone": "9777945670",  "providerLocation": "england"  },  "serviceDescription": "providing best carpainters in the city at reasonable price",  "discount": 5,  "price": 300  },  "customerId": {  "customerId": 1,  "customerName": "hari",  "password": "1234",  "customerEmail": "hari@gmail.com",  "customerPhone": "2345678900",  "customerLocation": "mumbai"  },  "bookingStatus": "Completed",  "bookingDate": "2021-03-07",  "bookingCost": 300  }  } | To rate an existing service |