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| --- | --- | --- | --- | --- |
| API | METHOD | REQUEST | RESPONSE | DESCRIPTION |
| /getHomepage | GET | {} | Success:  {  statusCode:200  }  Failure  {  statusCode:400  } | Get the homepage of Airbnb. (user landing page when localhost:3000 is hit) |
| /getHostPage | GET | {} | Success:  {  statusCode:200  }  Failure  {  statusCode:400  } | Get the host sign up page on click of **Become a Host** button |
| /getUserSignUpPage | GET | {} | Success:  {  statusCode:200  }  Failure  {  statusCode:400  } | Get the user sign up page on click of **Sign Up** tab |
| /login | GET | {} | Success:  {  statusCode:200  }  Failure  {  statusCode:400  } | Get the common login page for host/user – differentiate host or user using their unique id. |
| /helpPage | GET | {} | Success:  {  statusCode:200  }  Failure  {  statusCode:400  } | Get the help page on click of **Help** tab |
| /registerUser | POST | {  “firstName”:<firstName>,  “lastName”:<lastName>,  “email”:<email>,  “password”:<password>,  “dateOfBirth”:<DOB>,  Street,  City,  State,  Zip code,  Phone number,  } | Success:  {  statusCode:200  }  Failure  {  statusCode:400  } | Store the user details in the database. |
| /savePropertyDetails | POST | {  Property id,  Host id,  Category,  Address,  City,  State,  Zip code,  Quantity,  Description  } | Success:  {  statusCode:200  }  Failure  {  statusCode:400  } | Store the property details entered by a host. |
| /listProperty | POST | {  Category,  NumberOfGuests,  Address{ },  Property Type,  NumberOfBedrooms,  Maps  UploadPhotos / videos  Description,  Title,  startDate,  endDate,  listType{bidding,fixed/day},  basePrice  } |  |  |
| /deleteHost | POST | {  Host id  } | Success/failure | Remove host from |
| /createBill | POST | {  Property id,  User id,  Trip id,  } | Success/failure | Bill a trip |
| /viewBill | GET | {  Property id,  User id,  Trip id,  } | {  Payment object  } | View bill |
| /deleteBill | POST | {  Bill id  } | Success/failure | Delete a bill |
| /searchBill | GET | {  Bill id,  User id  } |  |  |
| /getPendingTripsForApproval | GET | {  Host id  } | Success/failure | Get the approvals page |
| /postApprovedTripDetails | POST | {  User id,  Trip id,  Property id,  Accept/denied  } |  | Update the trip as approved |
| /saveTripDetails | POST | {  Property id,  User id,  Host id,  Billing id  } | Success:  {  statusCode:200  }  Failure  {  statusCode:400  } | Save trip details on the Trip Database. |
| /deleteUser | POST | {  User id  } | Success:  {  statusCode:200  }  Failure  {  statusCode:400  } | Delete user from the User database. |
| /bidProperty | POST | {  Property id,  User id,  Bid amount  } | Success:  {  statusCode:200  }  Failure  {  statusCode:400  } | Store bid info in database |
| /updateProfileInfo | POST | {  “firstName”:<firstName>,  “lastName”:<lastName>,  “email”:<email>,  “password”:<password>,  “dateOfBirth”:<DOB>,  Credit card details,  Profile image  } |  | Update user profile info |
| /getUserDetails | GET | {  User id  } | {  “firstName”:<firstName>,  “lastName”:<lastName>,  “email”:<email>,  “password”:<password>,  “dateOfBirth”:<DOB>,  Reviews,  Ratings,  Cred card details,  Profile image,  } | Get the user details |
| /createReview | POST | {  User id,  Property id,  Trip id,  Rating,  Photos,  Comments / reviews  } | Success/failure | Create a review for his trip. |
| /searchPropertyDetails | GET | {  Location{city,state,zip code},  checkInDate,  checkOutDate,  category,  quantity(guest/bed)  } | Success:  {  statusCode:200  “render the page with available properties for the search criteria.”  }  Failure  {  statusCode:400  } | Get the property details from the Property database and show available homes to user. |
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ADMIN MODULE

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| --- | --- | --- | --- | --- |
| API | Method | Request | Response | Description |
| /approveHost | POST | {  User id  } |  | Allows admin to approve a host |
| /displayPendingHostsForApproval | GET | {  Host\_status  City  } | {  Host details  } | Display the host data to admin for approval and give option to filter by city. |
| /host and /user | GET | {  User id  } | {  Host details  } | Get the user/host information for admin review |
| /getBills | GET and ng-filter | {  Date,  Month,  <add optional parameters later>  } | {  Bill details  } | Get bill details and filter based on |
| /viewBill | GET | {  Bill id  } | {  Payment object  } | View bill, we already have it in BILL MODULE |

TRIP MODULE

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| --- | --- | --- | --- | --- |
| /getPropertyList | GET | {  City,  CheckInDate,  checkOutDate,  numberOfGuests  propertyId  } | {  List of Properties  } | Display all the properties based on city selected |
| /createTrip | POST | {  City,  CheckInDate,  checkOutDate,  numberOfGuests  propertyId,  billingCountry,  {paymentObject}  } |  | Creating a trip after the user selects a property from listing |
| /HostTripDetails  Or /UserTripDetails | GET | {  User id  } | {  All trips list of that user  } | Display pending/approved/history of the user |
| /editTrip | POST | {  Date,  numberOfGuests  } |  | Update trip details and send it for approval to host. |
| /deleteTrip | POST | {  Trip id  } |  | Delete a trip from existing trips. |
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ADMIN ANALYSIS

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| /topProperties | GET | {  NumberOfProperties  } |  | Get top n properties |
| /getPropDetailsByCity | GET | {  City  } |  | Get the city wise revenues. |
| /topHost | GET | {  NumberOfHosts  } |  | Get max number of props with revenue |
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