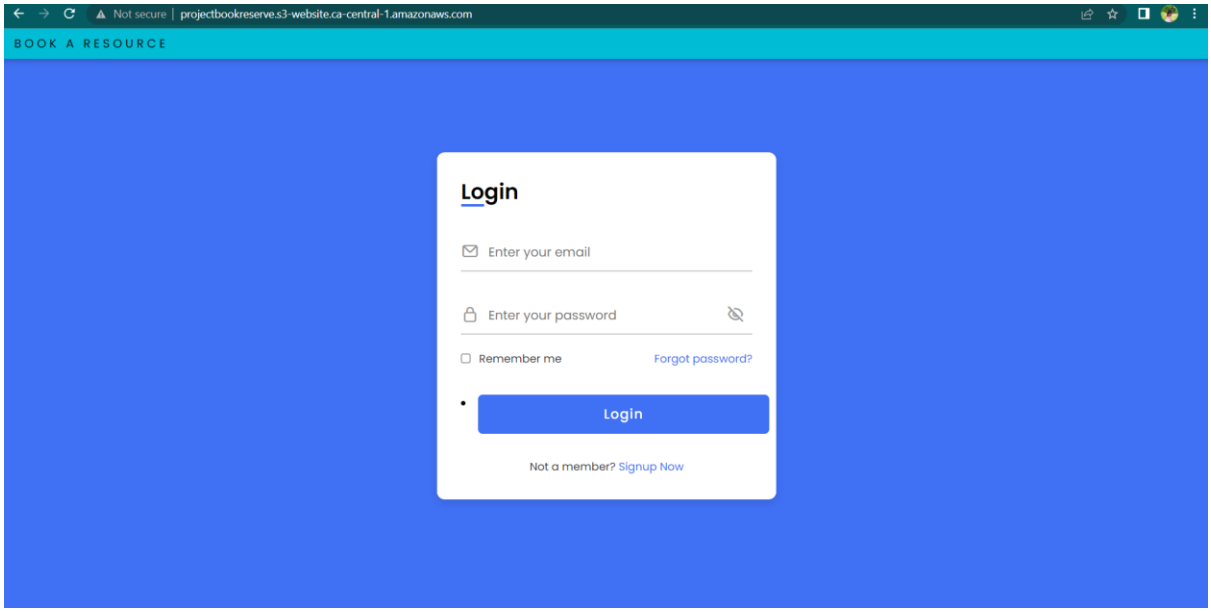
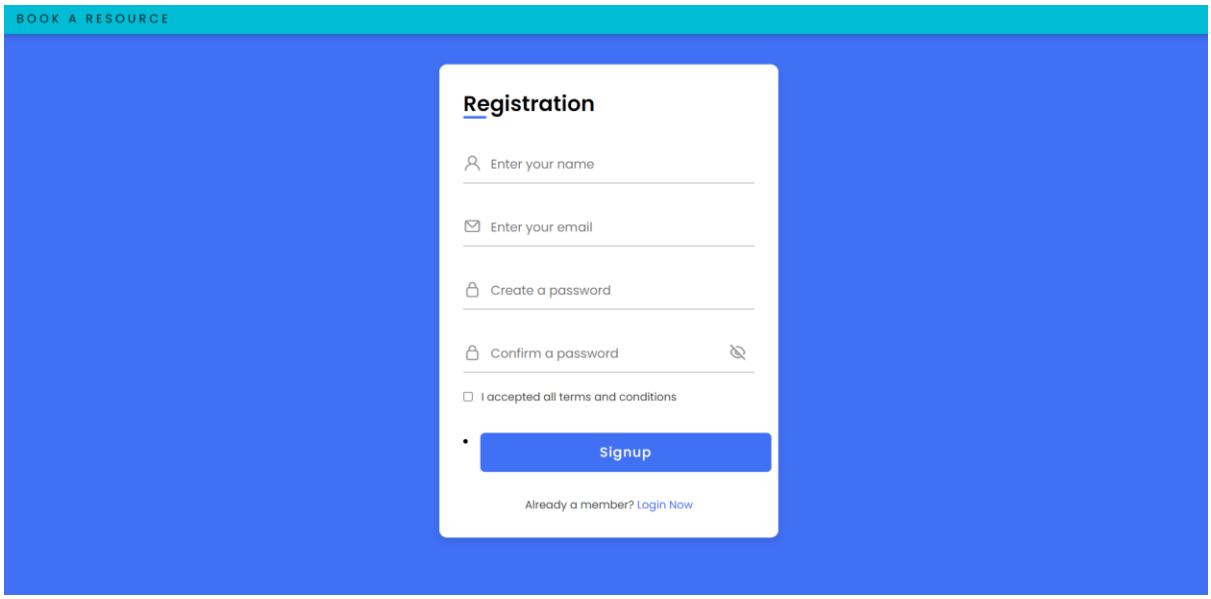
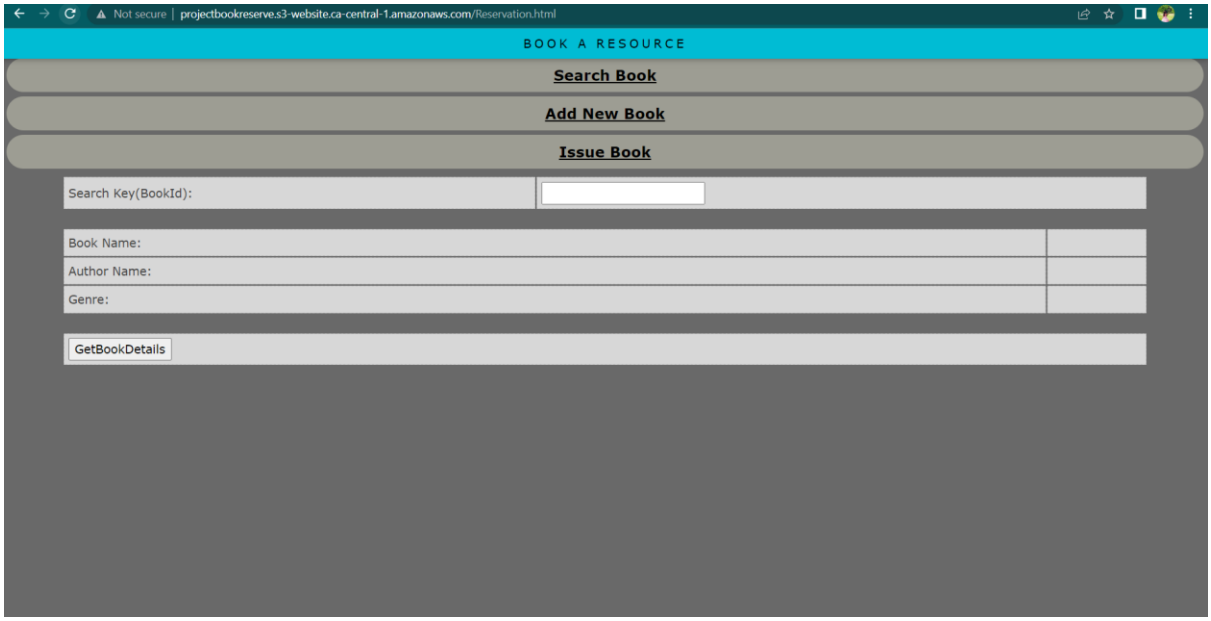


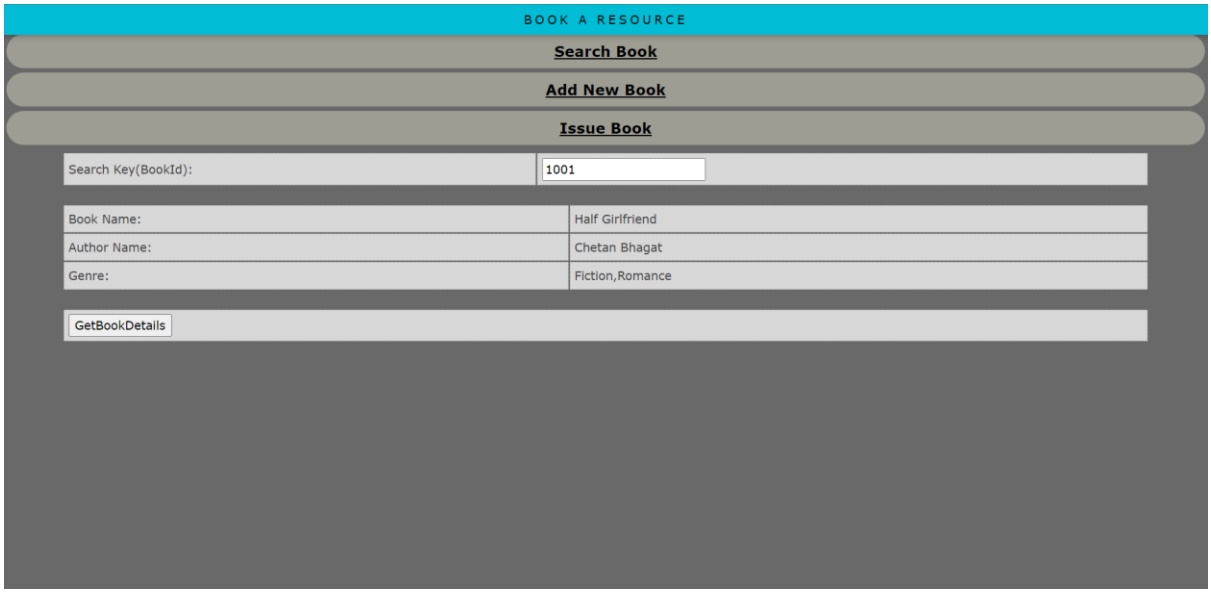

If not registered user, you can register yourself by clicking Signup Now. Once you click SignUp after entering details you redirect back to login page where you can login.



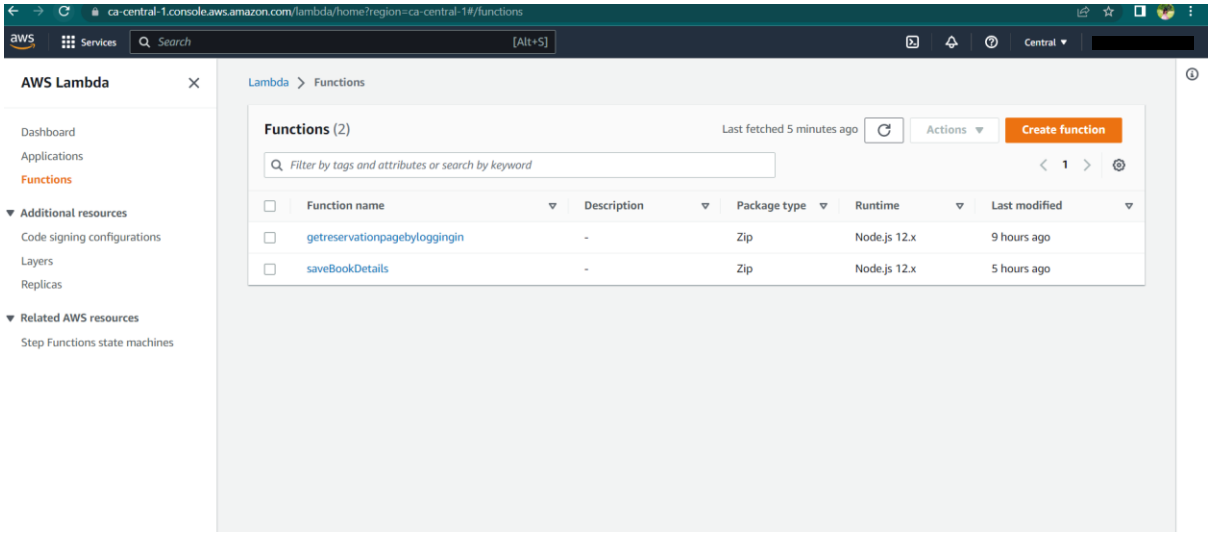

Once you login below page is displayed. This page is used to search for book by its Bookid in the library.



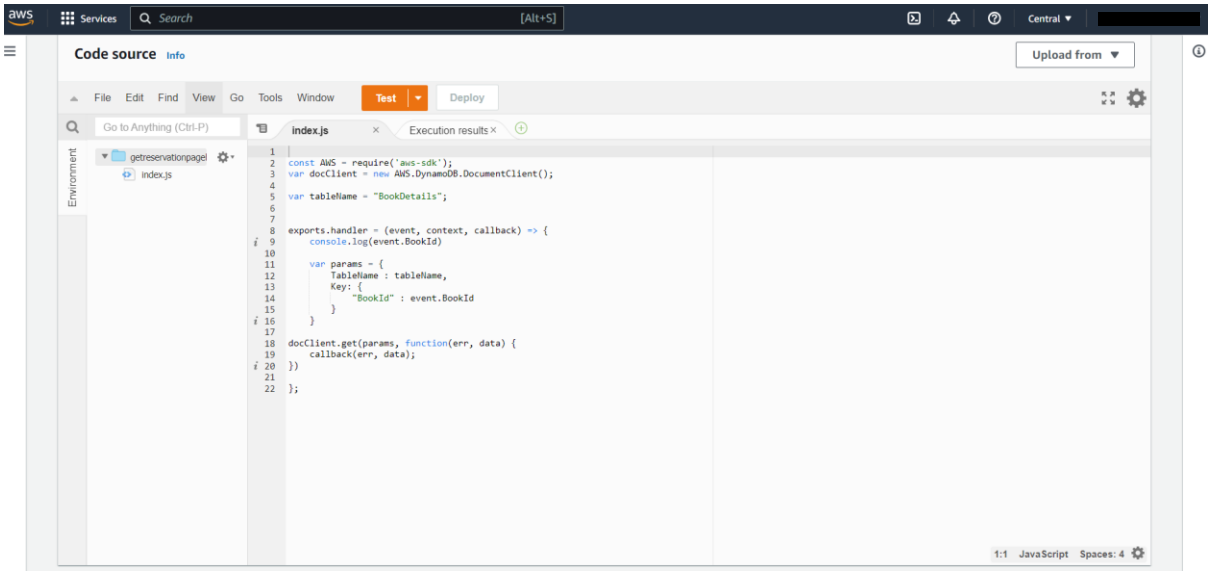

Enter 1001 and click GetBookDetails. You see book details are populated as shown below



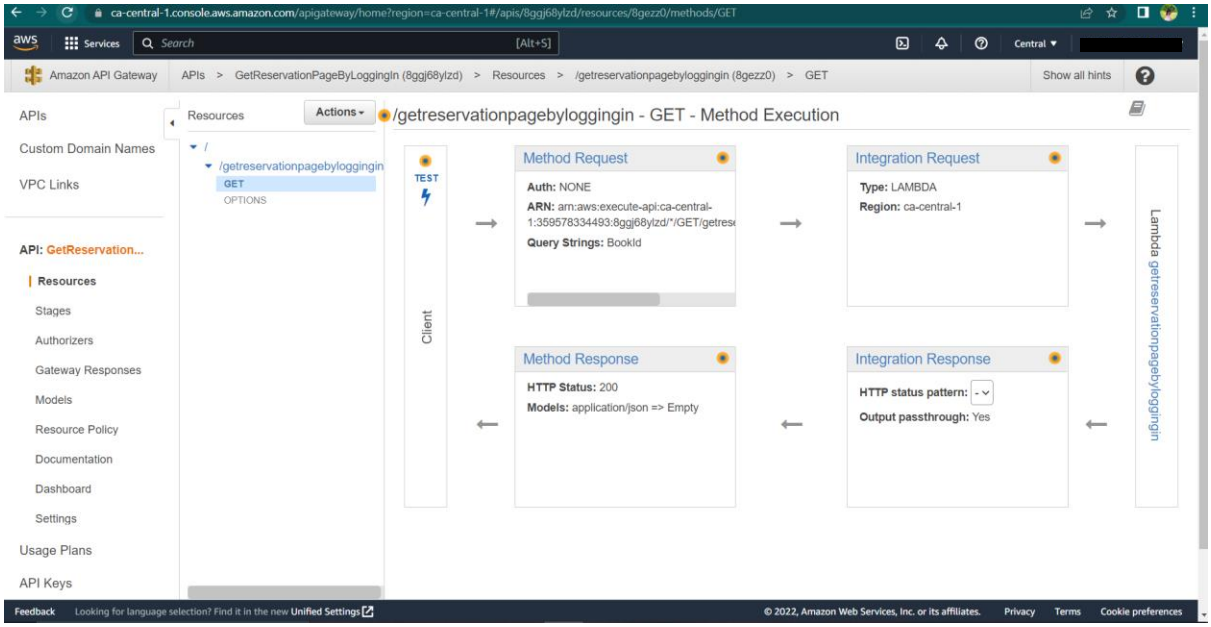

Below is the lambda function getreservationpagebyloggingin created for searching book in the library DB Book Details



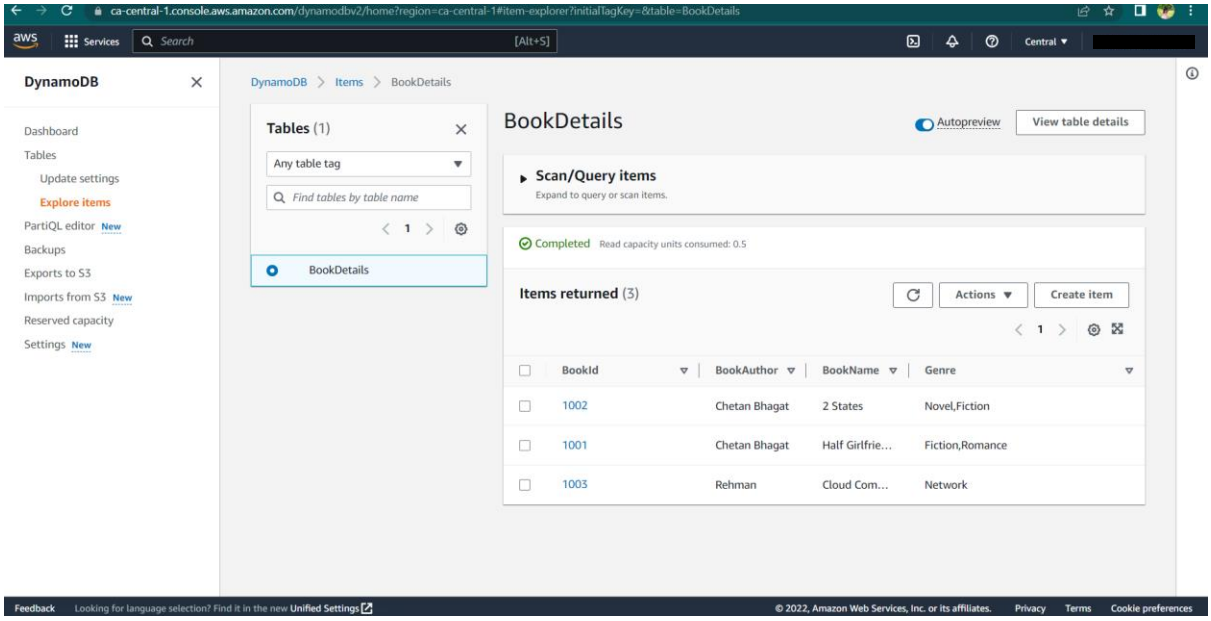

Below is the lambda function in Node js  for book search functionality



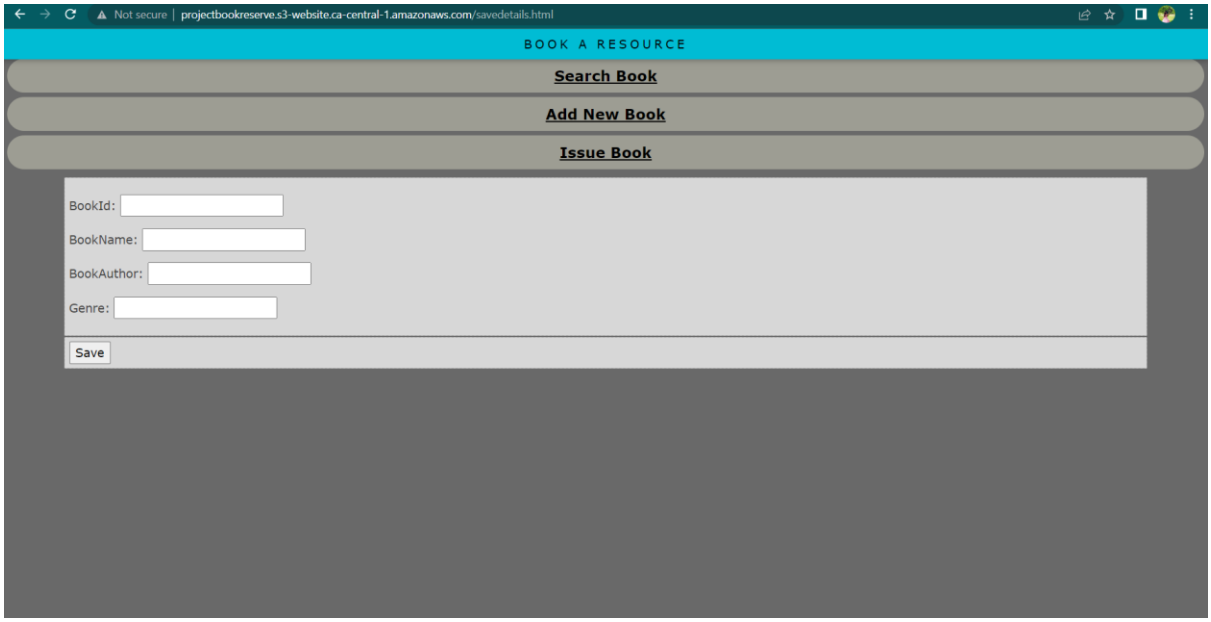

Below is the GET REST API method created for book search



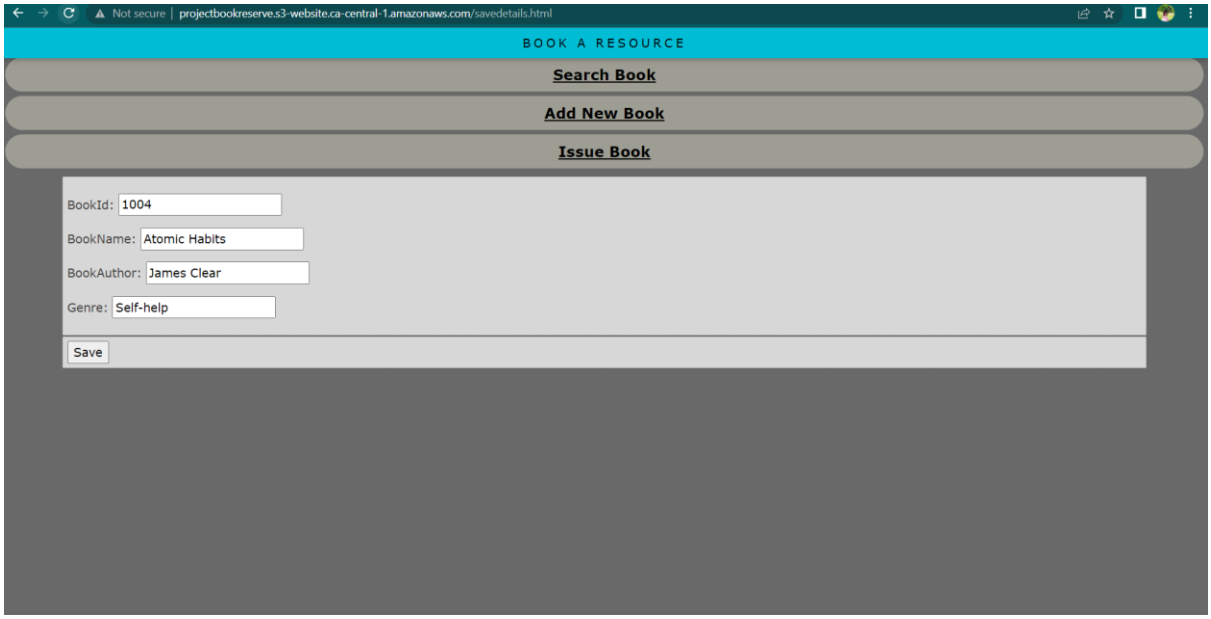

below is the dynamo DB data from where the 1001 book details are displayed.



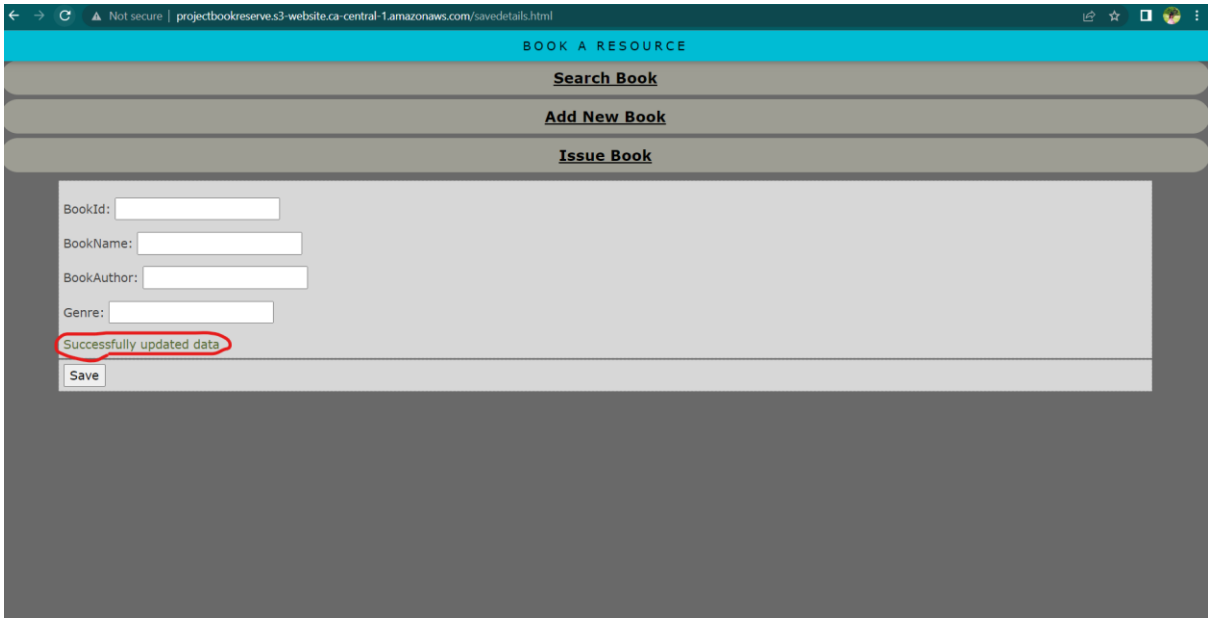

Next functionality is registering a new book into library. Add new book is the page for the this.



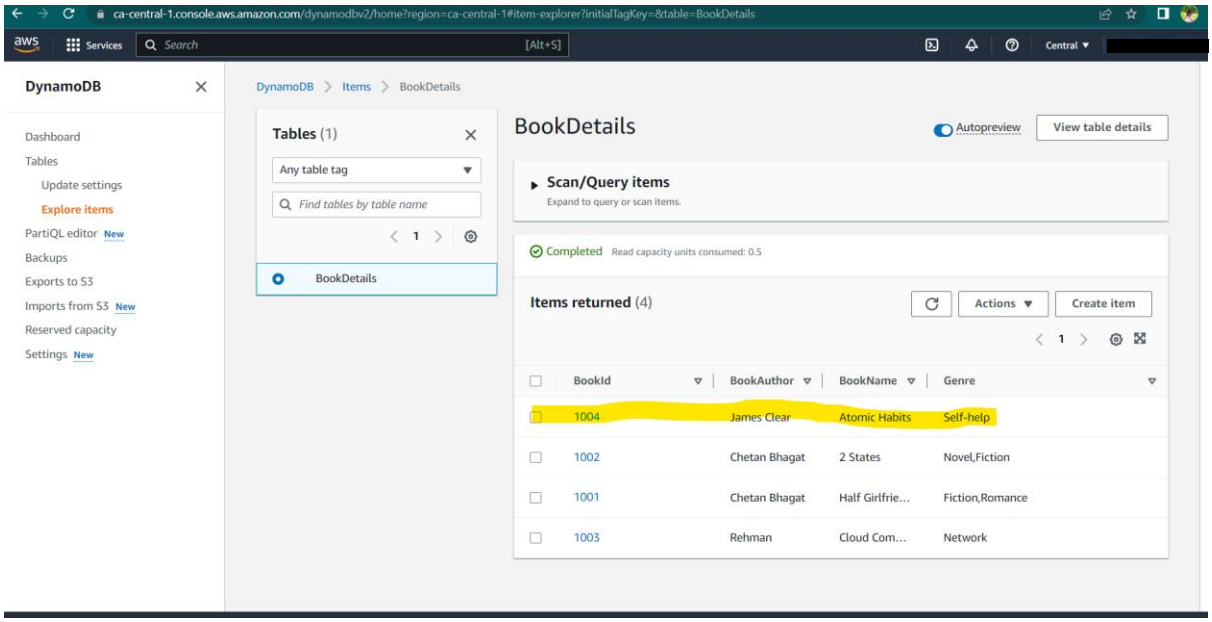

You need to enter the details in the below fields and click Save



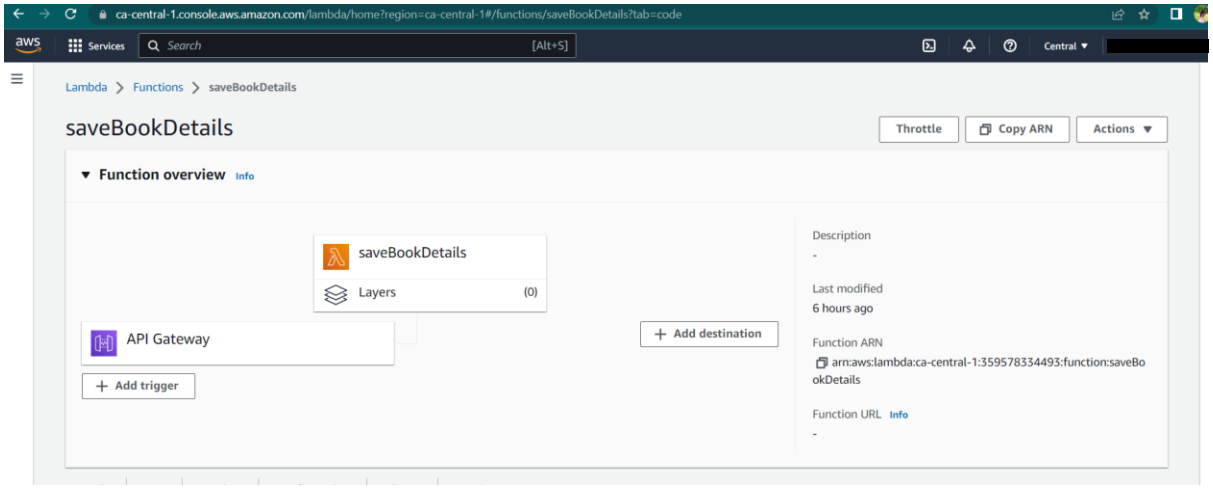

A message pops up that data is successfully saved into the dynamo table.



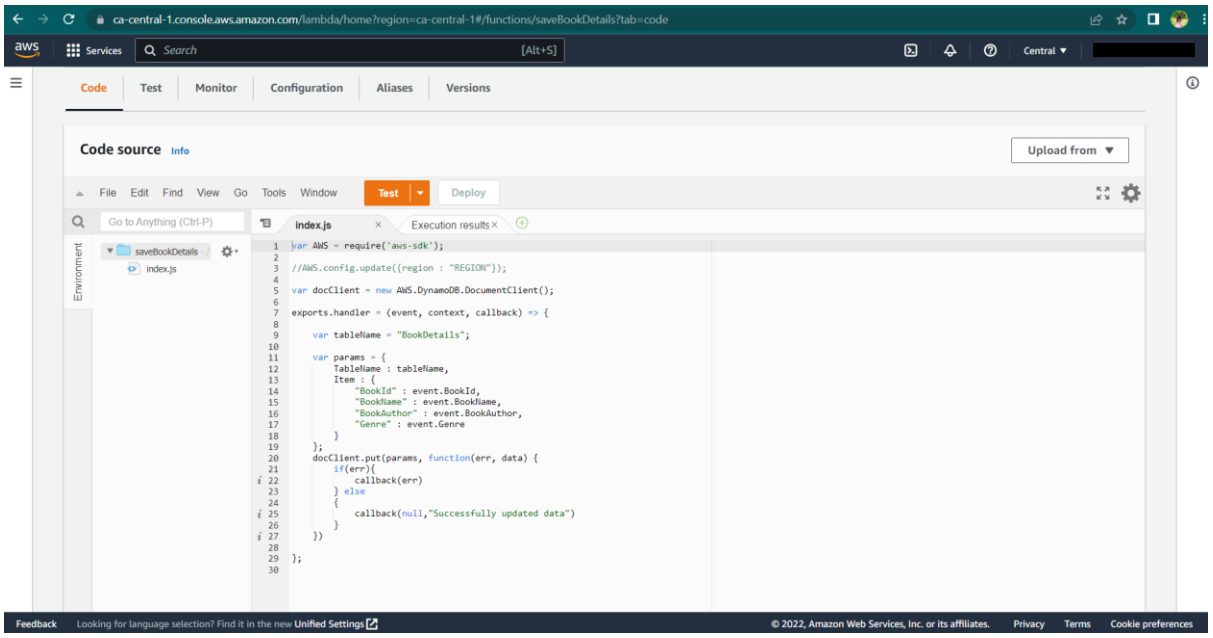

This can be verified by checking dynamo DB and you can see the table is updated with given details



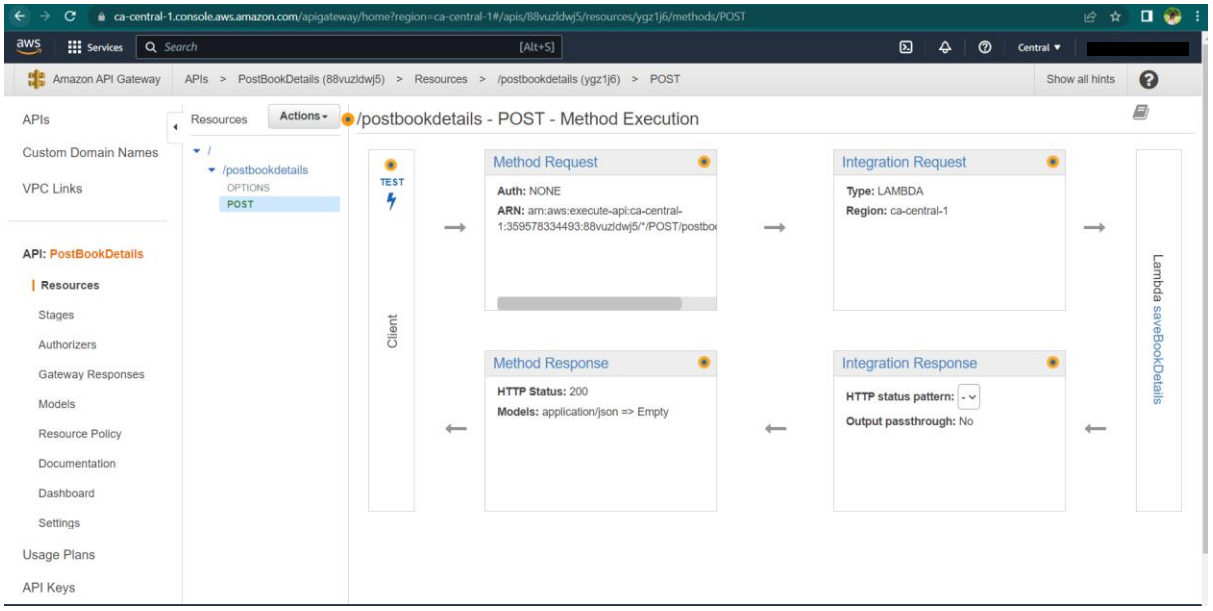

Below is the Lamba function for the registering new book



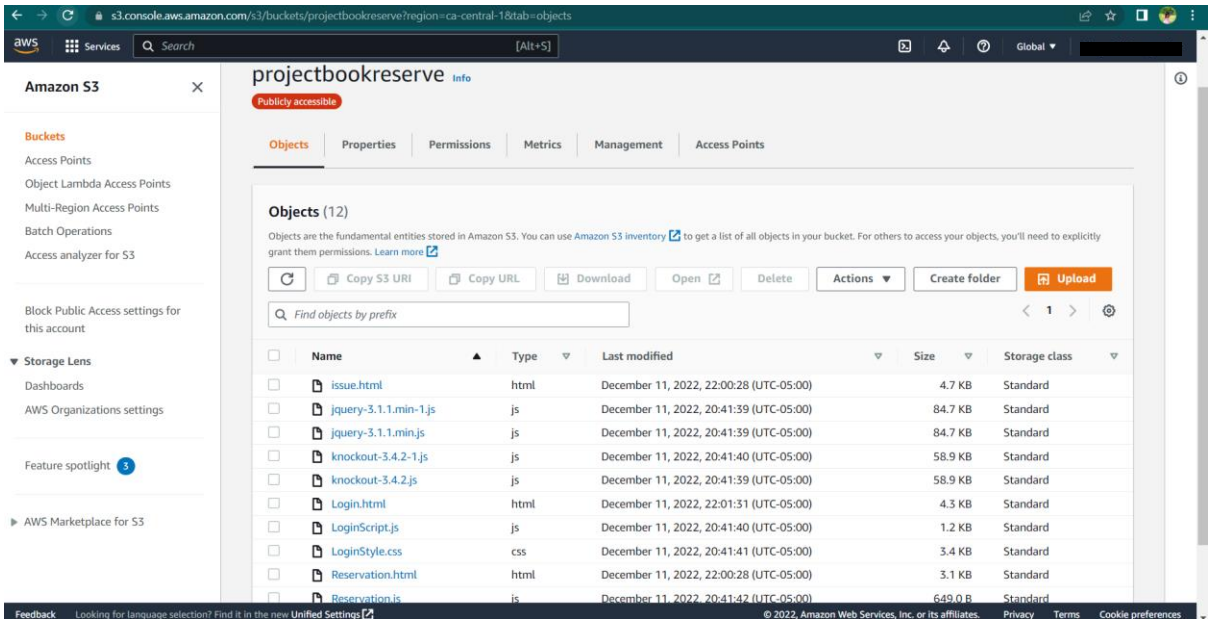

Here is the source code for it in Node JS




Below is the POST API Gateway method for registering new book into library



Amazon S3 bucket created, and files are uploaded to it as below. And also created a bucket policy and hosted the static website




Below are the IAM roles created for both GET and POST lambda functions