Please create a single page app using MEAN Stack that adheres to the following Specs.

1) Build a single page app for insertion,deletion and updation of the customer collection.
2) There should be an option to filter customer data by name,mobile,phone,DOB and address.
3) Edit functionality should be integrated with the same form meant for the insertion of customer data.
4) There should be Pagination for showing the customer records.
5) There should be validation of the require fields.
   Data Structure for the Customer Collection:
   _id:ObjectId
   Name :String
   Mobile:String
   Phone :String
   Addresses:[] (Flat,Street,State ,Pin Code)// provision for adding dynamically multi addresses
   DOB:Date
   Email:String

6) Write a script and insert thousands of the record for Bills.
   Data Structure for the Bill Collection:
   _id:ObjectId
   BillNumber: Number(auto incremental)
   BillDate:DateTime
   Items:[] (name:String,quantity:Number,Rate:Decimal) //Dynamic ally generate 1 to 10 items for
            each bill.)
   Discount:Number (in precent)
   Tax :Number (in Percent)
   CustomerId: _id of Customer Collection// Select _id randomly from existing Customer
            Collection.

7) Create a customer report in the following format.

Customer Name	Mobile	Phone	Email	NoOfBills	Amount	Avg Amount
Abc	--	--	--	--	--	--

Amount : Consolidated amount of bills associated with the customer.
Avg Amount: Amount/NoOfBills
Calculation of Amount Of Each Bill: sum of Rate*Quantity of Each Bill –discount amount +Tax
                                    amount

Discount Amount = sum of Rate*Quantity *Discount/100

Tax Amount = DiscountAmount*Tax/100

Evaluation Criteria:

1) Time taken to deliver the App.
2) Code Quality- structure and modularity of the code.
3) Efficiency of the result of report.
4) Creativity – you can add functionality, UI and UX from your side.

Submitting Code:

1) Create a new account on GitHub, if you don't have.
2) Create a new repository with the source of the code.
3) Create a README.md file to the root of the project that clearly mentions detail of the project and steps to compile it.
4) Send us the link to the created repo.