what to do?

The project aims to create a chatbox that will be integrated with an existing web app.

The chatbox can be viewed in 3 ways:

- URL → in which case the chatbox is placed in the middle of the HTML page (when opened on mobile, the chatbox fits the entire page)

- Embedded → in which case an iframe is generated ready to be embedded on any website.

- Chat bubble → in which case a script is generated ready to show a button at the bottom of the web page, which in turn opens that chatbox.
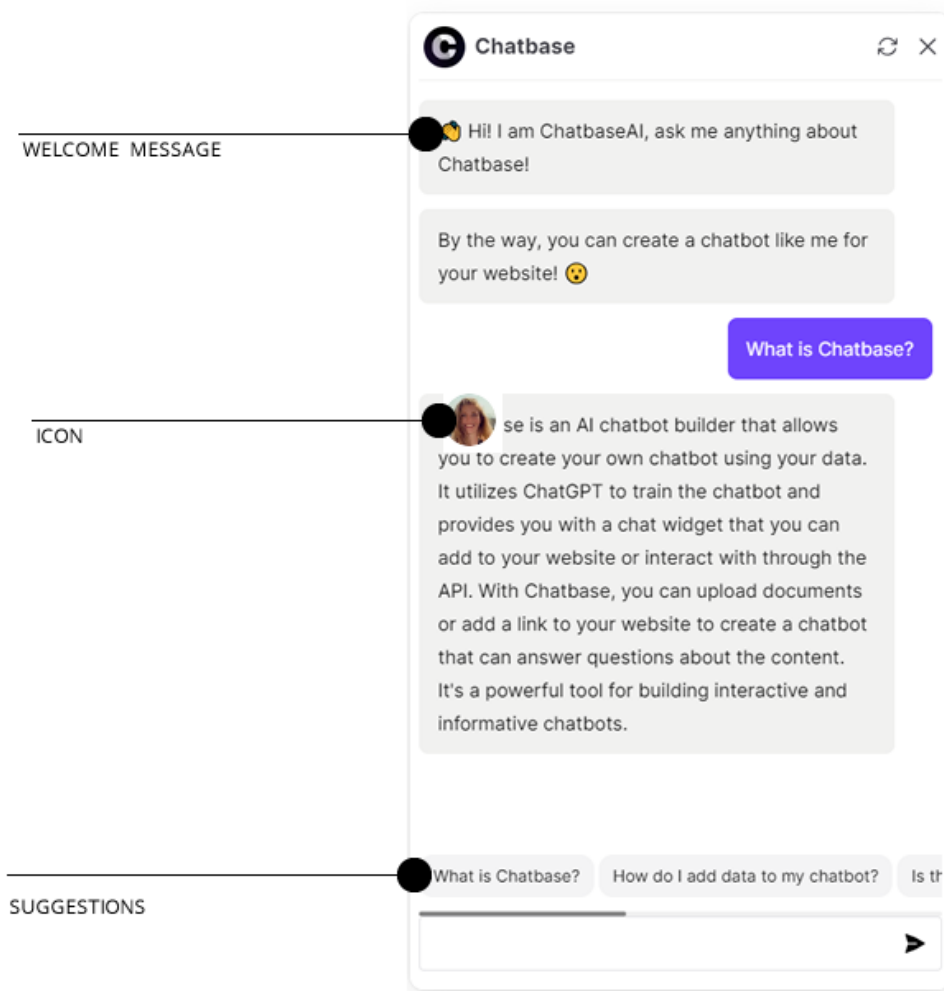
The chatbox can be customized. The configuration JSON is stored in the user table. The JSON will have the following structure:

```
{
"welcome": "How can I help you?",
"suggestions":["first preset question", "second preset question"],
"icon": "icon1.svg",
"theme": "light",
"button" : {
    "position": "right",
    "color": "bg-gray-200"
  }

}
```

💡 You do not need to take care of saving the JSON data to DynamoDB table, and/or customization UI. Consider that it is already saved.

Example of the chatbox and bubble button:

you can also inspire form here: https://www.chatbase.co/

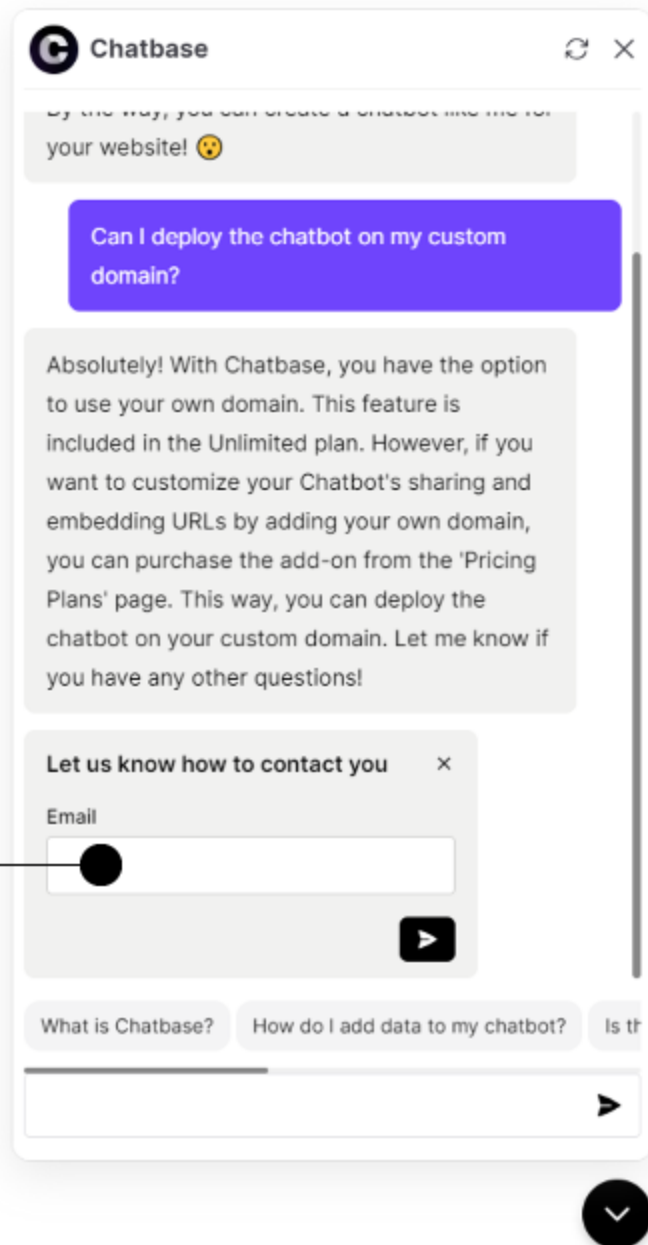- notice the "typing" effect (you van copy it from the existing frontend)

LEADS

- need to find a way to collect leads (email, name, phone) from the end-users of the chatbox
- store conversation in a dynamodb table

here is an example:

https://www.chatbase.co/

COLLECTING LEADS

dynamodb table: **history**

example row:

```
{
id: <uuid generated, unique per conversation between bot and user>,
userid: <as parameter>,
chatbotid: <as parameter>,
lead : {
  email : "xx@server.com"
  name: "john doe"
  phone: "4456- 3455890"
  },
content : [
  {
    role: "assistant",
    content: "Hi, how may I help you?",
  },
  {
    role: "user",
    content: "how can I contact sales?",
  },
  {
    role: "assistant",
    content: "here is your answer",
  },
],
created: <unix timedate format>,
lastupdated: <unix timedate format>
}
```