# **Conversational Chat:**

We are creating an assistant that helps users. Interact and transact with your user through conversations on messaging channels.

What I observed from Zoominnnfo chat:

* When you land on the popup screen, it makes an API call to check if you are a new user or existing user, and if you are a new user, the pop remains still.
* Chat’s are based on interaction to help the user/guest.
* Chats inputs are form based. eg: Input, Select. Options.
* There are two APIs read, delivered and used to update servers about the messages status.
* Input is based on eventType. eg: "USER\_DATA\_FIELD\_SHOWN", "USER\_DATA\_PROVIDED".
* "USEdasdR\_DATA\_PROVIDED""USER\_DATA\_PROVIDED"

# Implementation for Chat widget using web component in angular using Angular Elements

Angular Elements allows you to create Custom Elements (from the WebComponents spec) from Angular Components.

This means that those components can be used outside of an Angular app.

* Chat widget is a component in angular which can be extracted and used in any webapp, such as react, wordpress etc.
* I have created a chat widget component which greets and asks users to fill in some details.
* Based on those, I have proceed with next one
* I have created a very small flow, just to make a demo.
* Implementation is fairly straightforward. I have created a chat-widget component which will interact based on conversation, like email, phone and choose option.
* Once we do a ng s, it will start the application locally,
* To Build and export npm run build:elements. This will generate a build which can be exported as code snippet in any web app

<chat-widget id="widget"></chat-widget>

<script src="./chat-widget.js"></script>

<script>

const widget = document.getElementById('widget')

config.addEventListener(

'themeChange',

(evt) => (widget.theme = evt.detail),

)

</script>