

## Tarea: App "CloudDBChatApp"

### Programación en Bloques:

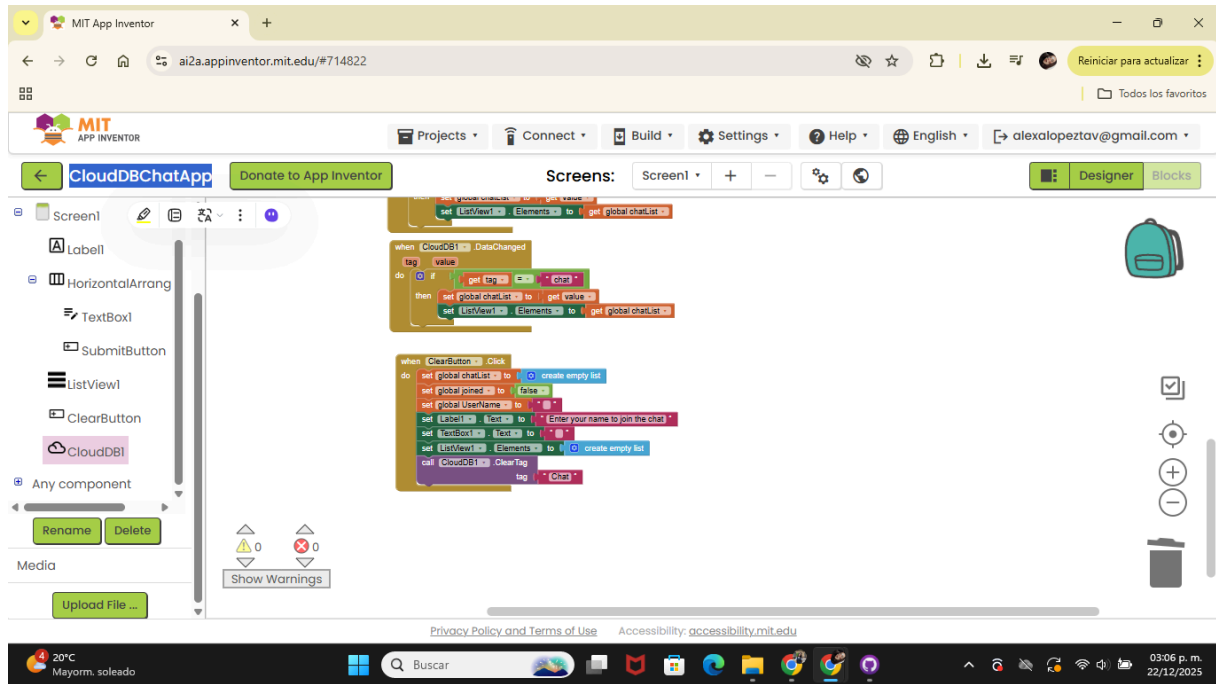
The image displays two screenshots of the MIT App Inventor web interface, showing the block programming for a chat application named "CloudDBChatApp".

**Top Screenshot:** The "Initialize" block for Screen1 is selected. The code includes:

- Call CloudDB1 GetValue with tag "chat" and value "create empty list".
- Initialize global Username to "".
- Initialize global joined to false.
- Initialize global chatList to [] (create empty list).

**Bottom Screenshot:** The "Click" block for SubmitButton is selected. The code includes:

- When SubmitButton Clicked, do:
- If global joined is false, then:
- Get global Username from TextBox1.
- Set global joined to true.
- Set Label1 Text to "Type in your message and press SUBMIT".
- Else:
- Call CloudDB1 AppendValueToList with tag "chat", itemToAppend (join of global Username and TextBox1 Text), and global chatList.
- Set TextBox1 Text to "".
- When CloudDB1 GetValue with tag "value", do:
- If get tag is "chat", then:
- Set global chatList to get value.
- Set ListView1 Elements to get global chatList.
- When CloudDB1 DataChanged, do:
- Set global chatList to get value.
- Set ListView1 Elements to get global chatList.



### Ejecución:

