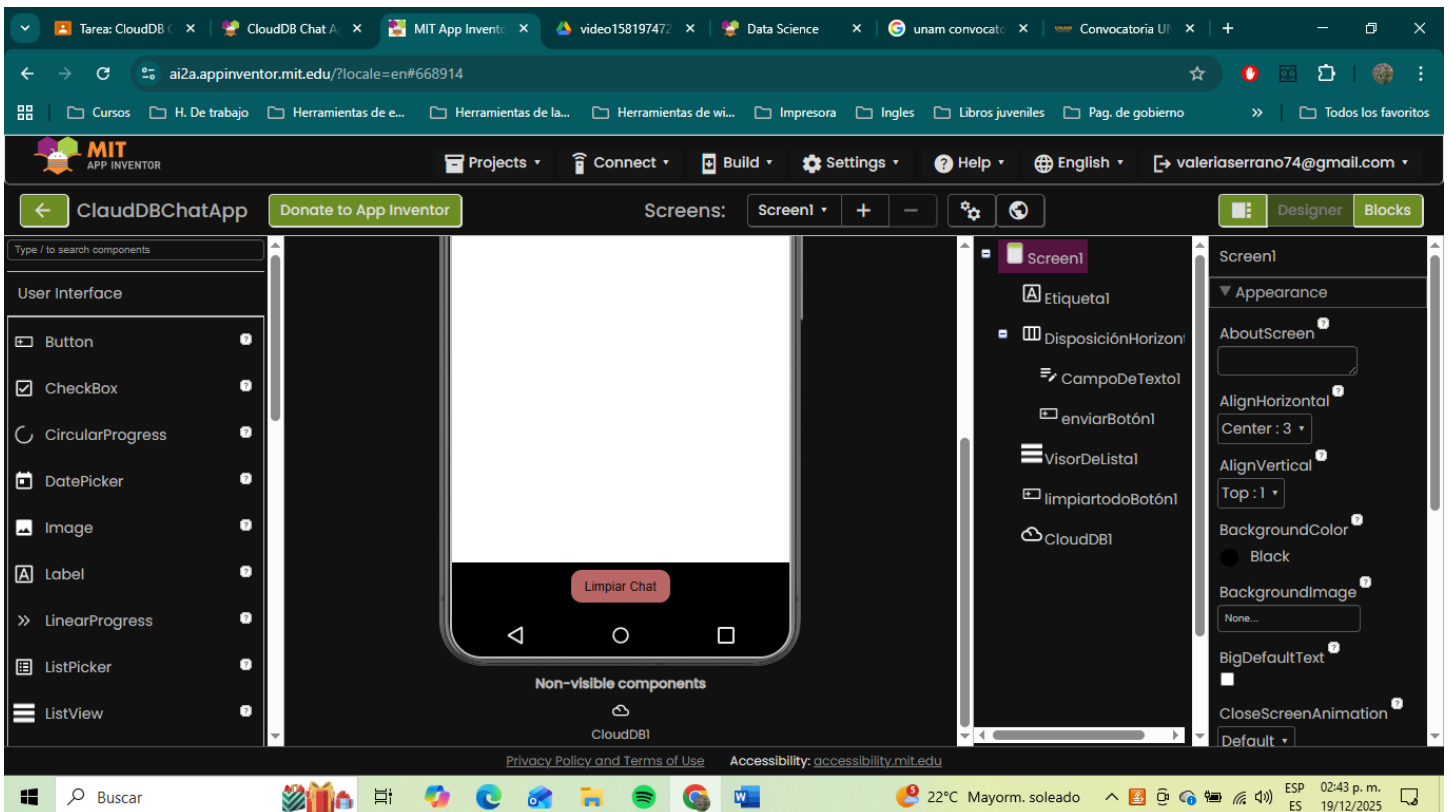
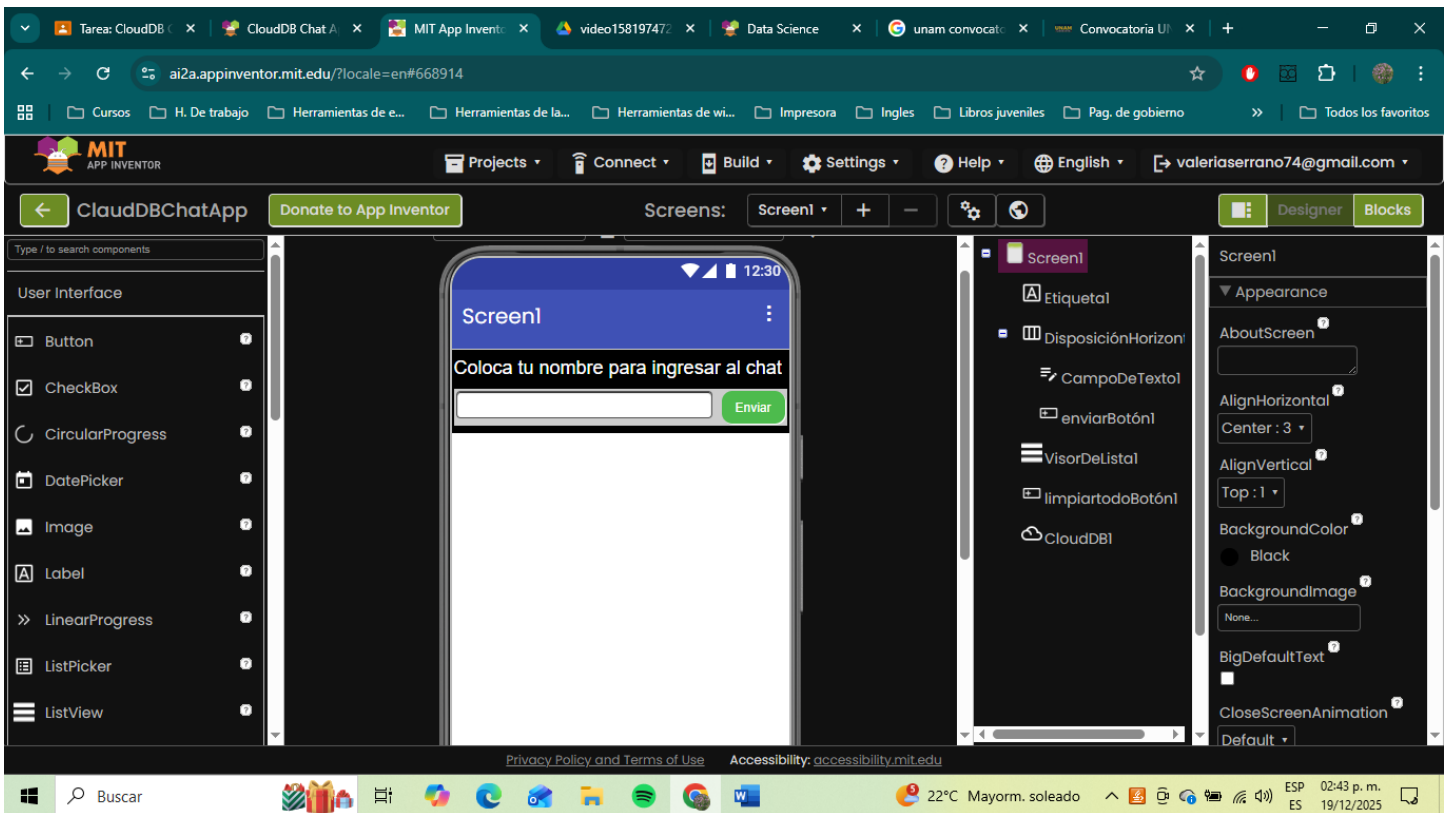


Entrega del trabajo realizado en clase.

Alumna: Lisset Serrano Aguilar

Diseño de la interfaz:



Programación de los bloques:

This screenshot shows the MIT App Inventor web interface for a project named 'CloudDBChatApp'. The left sidebar contains a 'Built-in' section with categories like Control, Logic, Math, Text, Lists, Dictionaries, Colors, Variables, and Procedures. The main workspace displays a visual programming script for 'Screen1'. The script includes three global variables: 'username' (string), 'sehauido' (boolean), and 'chatlist' (list). The logic is as follows:

- When enviarBotón1 Clicks:**
 - Do:**
 - If not (get global sehauido):**
 - Then:**
 - If not (is empty CampoDeTexto1 Text):**
 - Set global username to:** CampoDeTexto1 Text
 - Set global sehauido to:** true
 - Set Etiqueta1 Text to:** 'Escribe tu mensaje y presiona ENVIAR'
 - Else:**
 - Call CloudDB1 AppendValueToList:**
 - Tag:** chat
 - ItemToAdd:** join (get global username, CampoDeTexto1 Text)
 - Set CampoDeTexto1 Text to:** ''
 - When CloudDB1 GotValue:**
 - Do:**
 - If (get tag == chat):**
 - Set global chatlist to:** get value
 - Set VisorDeLista1 Elements to:** get global chatlist

The bottom of the interface shows a Windows taskbar with various application icons and system information: 22°C, Mayorm. soleado, and the date 19/12/2025.

This screenshot shows the MIT App Inventor web interface for the same 'CloudDBChatApp' project, but displaying the second screen. The logic for 'Screen1' is as follows:

- When limpiarBotón1 Clicks:**
 - Do:**
 - Set global chatlist to:** create empty list
 - Set global sehauido to:** false
 - Set global username to:** ''
 - Set Etiqueta1 Text to:** 'Coloca tu nombre para ingresar al chat'
 - Set CampoDeTexto1 Text to:** ''
 - Set VisorDeLista1 Elements to:** create empty list
 - Call CloudDB1 ClearTag:**
 - Tag:** chat
- When CloudDB1 DataChanged:**
 - Do:**
 - If (get tag == chat):**
 - Set global chatlist to:** get value
 - Set VisorDeLista1 Elements to:** get global chatlist
- When Screen1 Initialize:**
 - Do:**
 - Call CloudDB1 GetValue:**
 - Tag:** chat
 - valueIfTagNotThere:** create empty list

The interface layout and bottom taskbar are consistent with the previous screenshot.

Implementación en Teléfono:

