

**Tarea 7 (16-12-2025):** CloudDB Chat App  
**Por** Amy Maldonado Jaramillo

The image displays three screenshots of the MIT App Inventor web interface, showing the development of a CloudDB Chat App. The interface includes a left sidebar with various components like Dictionaries, Colors, Variables, Procedures, and a central workspace for logic blocks. The top bar shows the project name 'CHAT' and a 'Donar a App Inventor' button. The right sidebar shows the 'Diseñador' (Designer) and 'Bloques' (Blocks) tabs.

**Top Screenshot: Logic for Sending a Message**

- Screen1 - Clic** (Click event):
  - When **EnviarBotón1** is clicked, execute:
    - if **global SehaUnido** is **falso** (false), then:
      - if **global ChatList** is empty, create a new list.
      - set **global username** to the value of **CampoDeTexto1**.
      - set **global SehaUnido** to **verdadero** (true).
      - set **Etiqueta1** to the text 'Escribe tu mensaje y presiona ENVIAR'.
    - else, call **CloudDB1** to **AgregarValorALista** (Add Value to List) with parameters: **etiqueta** (label), **elementoAAñadir** (element to add), and **global username**.
  - set **CampoDeTexto1** to an empty string.

- Screen1 - ObtenerValor** (Get Value event):
- When **CloudDB1** obtains a value, set **etiqueta** to the value.
- if **etiqueta** is **chat**, then:
  - set **global ChatList** to the value of **global ChatList** plus the value of **etiqueta**.
  - set **VisorDeLista1** to the elements of **global ChatList**.

**Middle Screenshot: Logic for Initializing the Chat Screen**

- Screen1 - Inicializar** (Initialize event):
  - When **Screen1** is initialized, call **CloudDB1** to **ObtenerValor** (Get Value) with parameters: **etiqueta** (label), **Chat**, and **valorSiEtiquetaNoExiste** (if label does not exist, create a new list).

**Bottom Screenshot: Design View**

The design view shows the visual layout of the app. The screen has a title bar with 'Screen1' and a menu icon. The main content area contains a text input field with the placeholder text 'Coloca tu nombre para ingresar al chat.' and a green 'Enviar' button. Below the input field is a list view component. The bottom of the screen has a red 'Limpiar todo' button. The right sidebar shows the properties of the selected components, such as 'Etiqueta1', 'DisposiciónHorizontal', 'CampoDeTexto1', 'EnviarBotón1', 'VisorDeLista1', 'Limpiar\_todo\_Bot', and 'CloudDB1'.