

MODELO

Chat

```
+ interlocutorId: string
+ messages: message[ ]
+ lastMessage: message
+ interlocutorEmail: string
+ interlocutorPictureUrl: string
+ observers: observer[ ]

+ constructor(chatData)
+ set messages(messages[ ])
+ get messages(): message[ ]
+ set interlocutorId(string interlocutorId)
+ get interlocutorId(): string interlocutorId
+ registerObserver(observer):
+ unregisterObserver(observer):
+ notifyAll()
+ copy()
+ filterMessage(message): boolean
+ suscribeToChanges()   suscribeToChat
+ suscribeToInterlocutorData()
    suscribeToMessages
```

VISTA

ChatView

```
+ chatTag: <li>
+ chatLastMessage: <p>
+ chatInterlocutorEmail: <p>
+ chatInterlocutorPicture: <img>
+ chatMessages: <div>[ ]
+ chatShowingMessages: ChatView
+ chatsContainer: <ul>

+ constructor()
+ init()
+ populate(chat)
+ showMessages()
+ update()
```

Controlador

ChatController

```
+ chat: Chat
+ chatView: ChatView

+ constructor(chat,chatView)
+ init()
+ sendMessage()
```