

# 1. Chat messages don't seem to support new lines

BUG

## Functional Requirements

- A message that has been submitted with new lines don't show up in rendering in the chat

## Technical Requirements

- New lines are given by the backend with `\n` characters, so the frontend need to convert these to newlines in the UI

## 2. Replace dummy chat messages with data from the API

FEATURE

### Functional Requirements

- Currently we have dummy data in place in the Chat UI, this should be replaced with live data from the server

### Technical Requirements

- Connect the data from the API available on [GET] /messages

### 3. Create Messages API to show chat messages in the Chat UI

FEATURE

#### Technical Requirements

- Create an API on [GET] / messages which returns a JSON response with the following fields:

```
{
  "message": String,
  "person": {
    "name": String,
    "avatar": String in format URL,
  },
  "datetime": String in format ISO 8601 with timezone
}
```

## 4. Make sure /healthz response returns 204

BUG

### Technical Requirements

- The health endpoint currently returns a Http Status 200 with nonsense response body. Make sure the body is clear and endpoint returns status 204.

## 5. Add new message to the chat

FEATURE

### Functional Requirements

- When clicking the Plus icon in the top right corner, a modal should open where you can type in a new message.
- You should be able to write a multiline message
- You should be able to submit the message by clicking a submit button.
- Pressing enter should allow you to add a new line in the multiline editor and not submit the message

### Technical Requirements

- Create an API on [POST] /messages where new messages can be posted to.

## 6. Hide Call button from Contacts when no phone number is given

FEATURE

### Functional Requirements

- Some contacts don't have a phone number filled in, so hide the call button when it's missing.

## 7. Add 1-on-1 chats

CONCEPT

Users have indicated that our current chat function is very limited. Feedback indicates they would like to chat 1-on-1.

### Functional Requirements

- No current functionality should be lost
- You should be able to create a new chat with a contact
- After creating you should be able to send and receive text messages
- You should be able to close or archive existing chats

### Design Requirements

- A chat should have a title, which is the name of the recipient
- There should be an indicator when new messages have been received
- There should be an indicator when the other person is writing a message
- You should have the option to schedule when to send a message and to delete sent messages

Use inclusive design to make it accessible to people with disabilities

## 8. Create a statistics page to measure the adoption of the chat functionality

CONCEPT

We would like to have some insight in how our chat functionality is used.

### Functional Requirements

- You should be able to see how many chats are created
- You should be able to see how many messages are sent
- You should be able to see how many daily users are active



## 9. Replace fixed contacts in UI with data from Contacts API

FEATURE

### Technical Requirements

- Connect the Contacts list in the frontend with the Contacts API endpoint.
- Make sure all phone numbers are formatted correctly so they won't break the call button
- Use the Contacts model which already contains the contact list
- Create an API on [GET] /contacts which returns a JSON response with the following fields:

```
{  
  "name": String,  
  "avatar": String,  
  "phone": String,  
  "email": String,  
}
```

## 10. Add option to only show your favourite contacts in the sidebar

FEATURE

### Functional Requirements

- You should be able to switch between all contacts and your favourite contacts
- It should be clear in the UI which contact is favourite

### Technical Requirements

- Add the option to contacts in the Contacts API to mark contacts as favourite

## 11. Sort contacts by last name

FEATURE

### Functional Requirements

- All contacts should be sorted by last name

## 12. Create an overview for all contacts

CONCEPT

### Functional Requirements

- You should be able to view a list of all contacts, I want to see their:
  - name
  - role
  - email and/or phone number
- You should be able to email or call a contact from this list
- You should be able to mark contacts as favourite
- You should be able to create a new contact (#13) from this page

### Technical Requirements

- Create a new contact overview screen on route /contacts

### Design Requirements

- There should be a create contact button with primary color in the topbar to open the create contact screen

## 13. You should be able to create a new contact

CONCEPT

### Functional Requirements

- You should be able to add the following fields to a contact:
- name
- role
- phone number
- email address
- Phone number and email should be validated
- You should be able to save this contact and return to the contacts overview

### Technical Requirements

- Create a new screen for creating contacts on route `/contacts/new`

## 14. Redesign this client to be more in-line with Infowijs styling

CONCEPT

### Design Requirements

- Replace the Tailwind logo with the Infowijs logo
- Use Infowijs Turquoise (#65C9CE)
- Turn the side navigation into topbar navigation