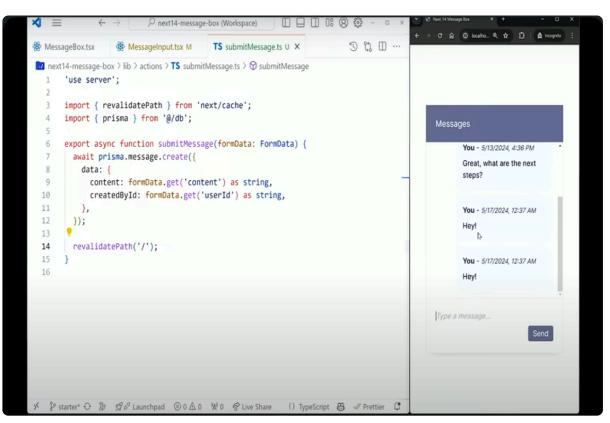
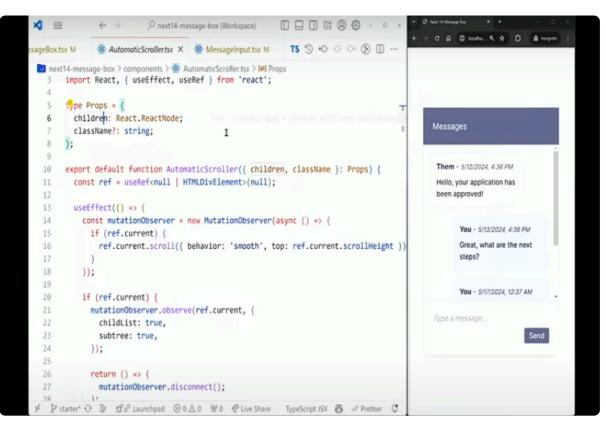
```
← → P next14-message-box (Workspace)
                                                   ШЫШ 18 8 9 - -
                                                                                    C Q O localho... Q 🖈 🗓 🛱 Incognito :
                                                         ··· II (1) (0 0 0 C
MessageBox.tsx X
import React from 'react';
      import { getCurrentUser } from '@/lib/services/getCurrentUser';
      import { getMessages } from '@/lib/services/getMessages';
      import MessageDisplay from './MessageDisplay';
                                                                                    Messages
      hport MessageInput from './MessageInput';
      export default async function MessageBox() {
                                                                                     Them - 5/12/2024, 4:36 PM
       const messages = await getMessages();
                                                                                     Hello, your application has
       const user = await getCurrentUser();
                                                                                     been approved!
 11
       return (
         <div className="flex w-full flex-col shadow-xl sm:w-[400px]">
                                                                                          You - 5/13/2024, 4:36 PM
           <h1 className=" bg-slate-500 p-6 text-lg  text-white">Messages</h1>
 13
                                                                                          Great, what are the next
 14
           <div className="grid border-x border-b Dborder-gray-300">
            <div className="grid h-80 content-start gap-4 overflow-auto border-b \_bo</pre>
 16
               {messages.length === 0 && <span className="text-center ■text-gray-500"
 17
               {messages.map(message => {
                return <MessageDisplay userId={user.id} key={message.id} message={mes
 19
              })}
 20
             </div>
             <MessageInput userId={user.id} />
           </div>
 23
         </div>
 24
       );
 25
```

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next14-message-box (Workspace)
                                                                                                                                                                           C A O localho... Q 🖈 🖸 | 🛱 Incognito 🗄
                                                                                                                                                                                             ··· II (1) (0 0 0 0) (2)
MessageBox.tsx
                                                         MessageDisplay.tsx X
🗾 next14-message-box > components > message-box > 🍪 MessageDisplay.tsx > 😚 MessageDisplay
                    type Props =
                           userId: string;
       8
    10
                    export default function MessageDisplay({ message, userId }: Props) {
                         const isWrittenByUser = userId === message.createdById;
    11
                                                                                                                                                                                                                                                                                          Them - 5/12/2024, 4:36 PM
                         return (
     14
                                <div
                                                                                                                                                                                                                                                                                          Hello, your application has
                                                                                                                                                                                                                                                                                          been approved!
    16
                                            'flex h-fit w-4/5 flex-col gap-2 rounded p-4 sm:w-2/3',
                                            isWrittenByUser ? 'justify-self-end □bg-slate-200' : 'justify-self-start
    17
                                                                                                                                                                                                                                                                                                           You - 5/13/2024, 4:36 PM
    18
                                                                                                                                                                                                                                                                                                           Great, what are the next
    19
                                     <span className="■text-slate<sup>I</sup>700">
    20
    21
                                            <span className="font-bold">{isWrittenByUser ? 'You' : 'Them'}</span>
    22
    23
                                            <span className="text-nowrap text-sm italic">
                                                  {message.createdAt.toLocaleString('en-US', {
                                                      day: 'numeric',
    25
                                                       hour: 'numeric',
                                                      minute: 'numeric',
    27
                                                       month: 'numeric',
    29
                                                       year: 'numeric',
     30
         $ starter → $ $ $\mathrel{G} \omega \omega
```

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← → P next14-message-box (Workspace) □ □ □ □ □ □ □ □ □ □ □
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                                                            5 0 0 0 0 I ...
MessageBox.tsx
                MessageInput.tsx 1 X
You, 4 days ago | 1 author (You
      import React from 'react';
      import Button from '../Button';
      type Props = {
        userId: string;
                                                                                          Them - 5/12/2024, 4:36 PM
  8
      export default function MessageInput({ userId }: Props) {
                                                                                         Hello, your application has
                                                                                          been approved!
  9
       console.log(userId);
 10
 11
        return (
                                                                                               You - 5/13/2024, 4:36 PM
 12
          <>
                                                                                               Great, what are the next
 13
            <form className="flex flex-col gap-2 p-6">
                                                                                               steps?
 14
             <input
 15
                autoComplete="off"
 16
               required
 17
              minLength={1}
 18
               name="content"
                                                                                         Type a message...
               className="italic outline-none"
 19
 20
               placeholder="Type a message..."
 21
              />
              <Button type="submit">Send</Button>
 23
            </form>
 24
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```



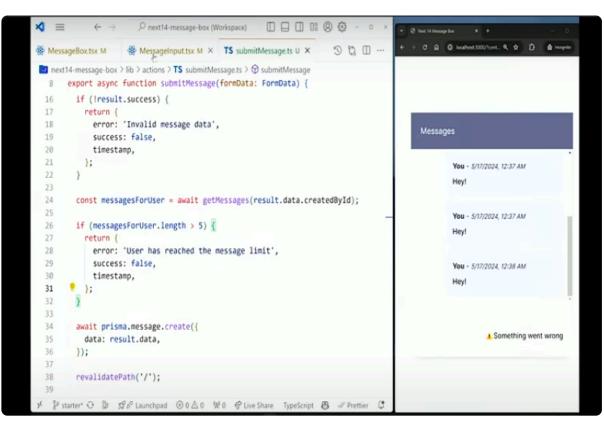
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P next14-message-box (Workspace) □ □ □ □ □ □ □ □ □
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            C Q O localho... Q 🖈 🗗 🛱 Incogn
                                                                                                             MessageInput.tsx M X TS submitMessage.ts L \( \backslash \) \( \backslash 
  MessageBox.tsx
   mext14-message-box > components > message-box > ∰ MessageInput.tsx > 份 MessageInput
                 8
                                           export default function MessageInput({ userId }: Props) {
           10
                                                 return (
           11
                                                              <>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                You - 5/13/2024, 4:36 PM
           12
                                                                           <form action={submitMessage} className="flex flex-col gap-2 p-6">
           13
                                                                                     <input
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Great, what are the next
           14
                                                                                                  autoComplete="off"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                steps?
           15
                                                                                                 required
           16
                                                                                             minLength={1}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                You - 5/17/2024, 12:37 AM
           17
                                                                                          name="content"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Hey!
           18
                                                                                           className="italic outline-none"
           19
                                                                                           placeholder="Type a message..."
           20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                You - 5/17/2024, 12:37 AM
                                                                                      <input type="hidden" name="userId" value={userId} />
           21
           22
                                                                                   <Button type="submit">Send</Button>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Hey!
           23
                                                                          </form>
           24
                                                                 </>
          25
                                                  );
• 26
           27
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```



```
5 th II ...
                                                                                ← → ♂ ⋒ @ localhost3000/?cont... Q ☆ 🗗 🛱 Incog
MessageBox.tsx M MessageInput.tsx M TS submitMessage.ts U X

■ next14-message-box > lib > actions > TS submitMessage.ts > 分 submitMessage

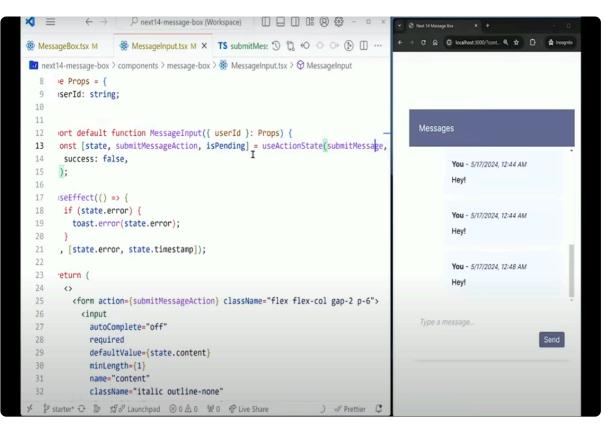
      'use server';
      import { revalidatePath } from 'next/cache';
      import { prisma } from '@/db';
                                                                                    Messages
      import { messageSchema } from '@/validations/messageSchema';
      export async function submitMessage(formData: FormData) {
                                                                                            You - 5/17/2024, 12:37 AM
      const result = messageSchema.safeParse({
  8
                                                                                           Hey!
  9
         content: formData.get('content'),
 10
         createdById: formData.get('userId'),
 11
                                                                                            You - 5/17/2024, 12:37 AM
 12
                                                                                           Hey!
       if (!result.success) {
 13
         throw new Error(result.error.message);
 15
                                                                                            You - 5/17/2024, 12:38 AM
 16
                                                                                           Hey!
        await prisma.message.create({
 17
 18
         data: result.data,
  19
                                                                                     Type a message.
 20
       revalidatePath('/');
 22
     }
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```



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← → ♂ ⋒ @ localhost3000//cont... Q ☆ 🗈 | 🖨 In
MessageBox.tsx M
Inext14-message-box > components > message-box > 

MessageInput.tsx > 

MessageInput
      import React, { useActionState } from 'react';
     import { submitMessage } from '@/lib/actions/submitMessage';
     import Button from '../Button';
                                                                                  Messages
      type Props = {
       userId: string;
                                                                                         You - 5/17/2024, 12:38 AM
  0
 10
                                                                                         Hev!
      Aport default function MessageInput({ userId }: Props) {
 11
       const [state, submitMessageAction] = useActionState(submitMessage, {
 12
                                                                                         You - 5/17/2024, 12:44 AM
        success: false,
 13
 14
                                                                                         Hey!
 15
 16
        return (
                                                                                         You - 5/17/2024 12:44 AM
 17
           <form action={submitMessageAction} className="flex flex-col gap-2 p-6">
 18
                                                                                         Hey!
 19
            <input
 20
               autoComplete="off"
 21
              required
                                                                                  Type a niessage.
              minLength={1}
              name="content"
 24
              className="italic outline-none"
                                                                                         User has reached the message limit
              placeholder="Type a message..."
             <input type="hidden" name="userId" value={userId} />
              <Rutton type="submit">Send</Rutton>
                                                           ○ ✓ Prettier 🗘
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```



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← → P next14-message-box (Workspace) □ □ □ □ □ □ □ □ □ □ ×
                                                       ■ next14-message-box > components > message-box > 

Messages.tsx > 

Messages
 12 };
13
     type Props = {
 15
        messages: Message[];
                                                                                     Messages
 16
        userId: string;
 17
     };
 18
                                                                                           Heyl
 19
     export default function Messages({ messages, userId }: Props) {
 20
       const [optimisticMessages, addOptimisticMessage] = useOptimistic(
      e mestages,
                                                                                           You - 5/17/2024, 12:37 AM
 22
          (currMessages: OptimisticMessage[], newMessage: OptimisticMessage) => {
                                                                                           Heyl
 23
           return [
 24
             ...currMessages,
 25
                                                                                           You - 5/17/2024, 12:38 AM
               ...newMessage,
 26
                                                                                           Hey!
 27
               isSending: true,
 28
 29
           ];
                                                                                           Vall - 6/17/2024 12-44 AM
 30
         },
                                                                                     Np js
 31
        );
 32
 33
        return (
 34
         <div className="grid border-x border-b \border-gray-300">
 35
           <AutomaticScroller className="grid h-80 content-start gap-4 overflow-ac</pre>
 36
             {optimisticMessages.length === 0 && <span className="text-center ■te
              {optimisticMessages.map(message => {
                                                              ○ ✓ Prettier
メ Poptimistic ひ か ぽぷ Launchpad ⊗ 0 △ 0 ~ り で Live Share
```