

notJust

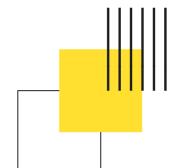
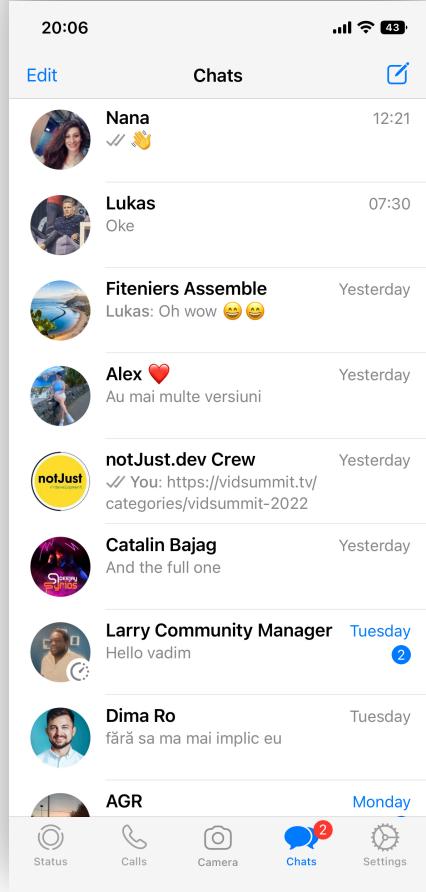
//development

WhatsApp 2.0

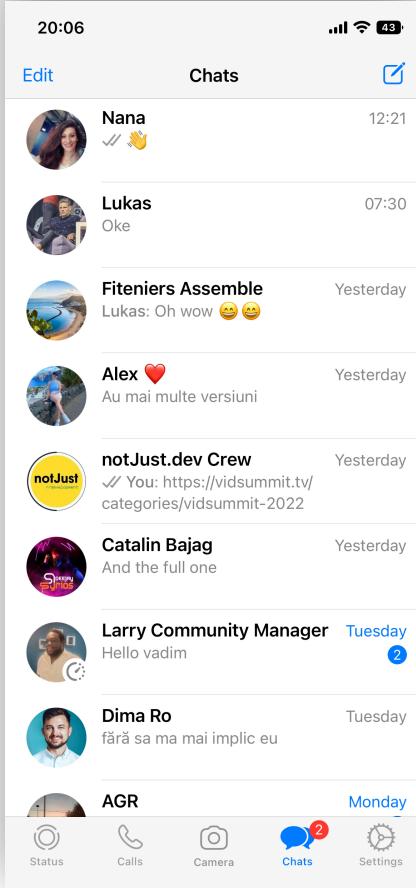
React Native



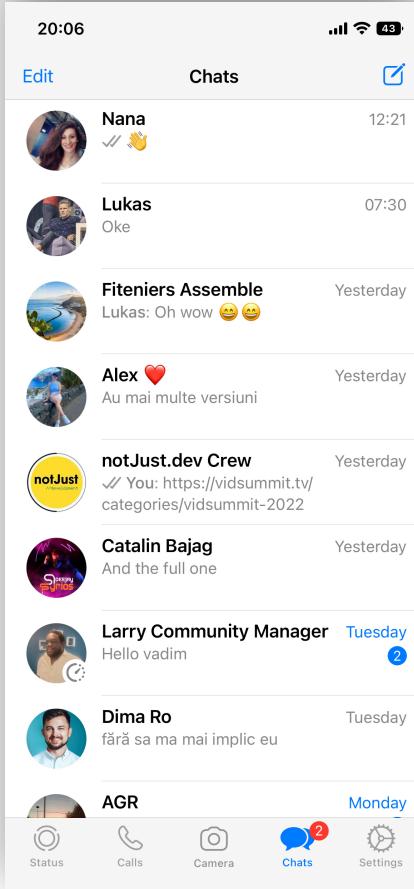
What will we build?



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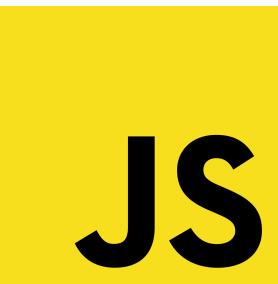


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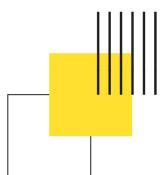
Technologies

Front End



React Navigation

Backend End





👋 Hey, I'm Vadim!

- ☰ - Full stack developer
- ☰ - Founded multiple startups
- ☰ - ex Amazon SDE
- ☰ - Built 25 apps Live in 337 hours

I AM **notJust**
//developer



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//development



Let's get started



Prerequisites

- Get the step-by-step guide and asset bundle:
<https://assets.notjust.dev/whatsapp2.0>



React Native.

Why?

Because we can 😊

And this is a great learning opportunity. By the best (Apple team), we can improve our developers.

The most exciting part of this project is th

Let's get started 🚀

All By topic Table

Task list ...

UI 7

UI-1: Initialize the project

UI-2: Import the assets

UI-3: Image Background

UI-4: Data and time UI

UI-5: Footer

UI-6: Dynamic time

Animations 4

A-1: Get started with Reanimated

A-2: Layout Animations

A-3: Custom animations

A-4: FlatList Animations

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Q&A



Next Week

- ||| 1. Setup AWS Amplify
- || 2. Authentication
- || 3. Database and API
- || 4. Connect the UI with the backend
- || 5. Real time data
- ||
- |||



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WhatsApp 2.0



AWS Amplify





Today's Plan

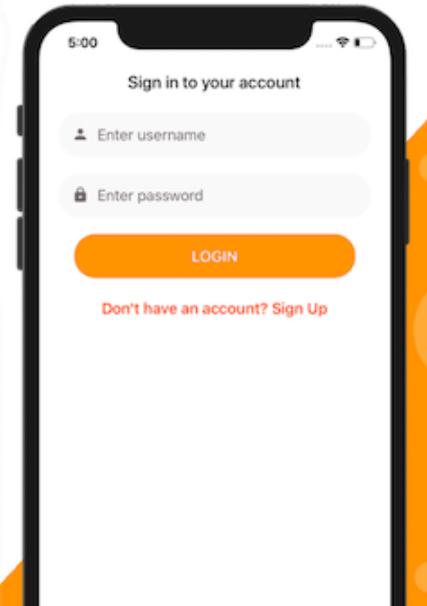
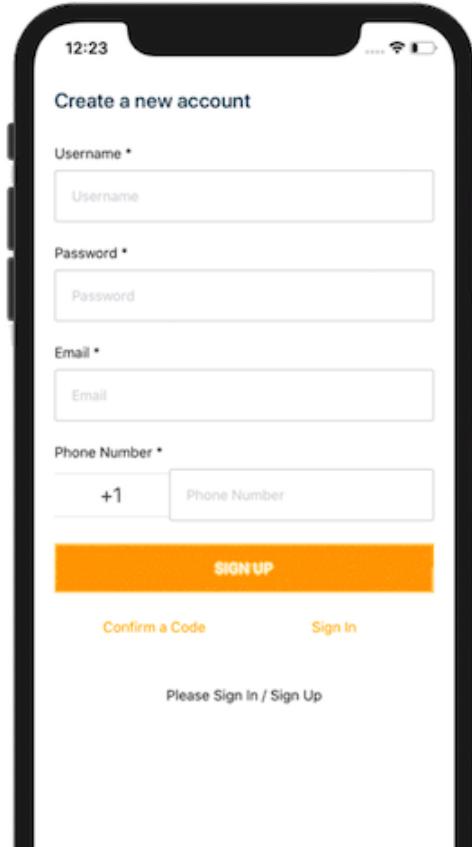
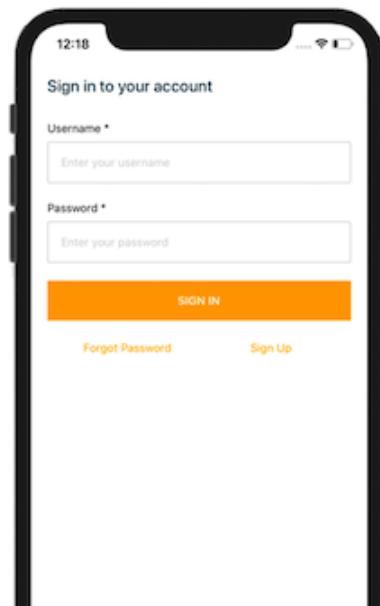


Create and manage an AWS Amplify project



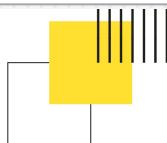


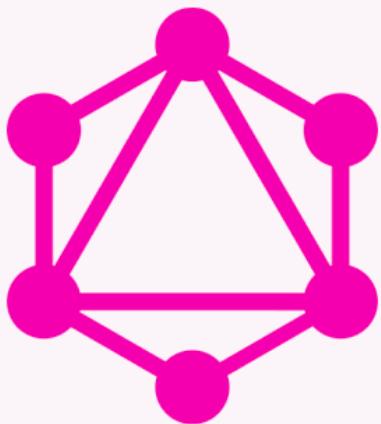
Authentication



Database model

Message		ChatRoom		User	
Field name	Type	Field name	Type	Field name	Type
id	ID!	id	ID!	id	ID!
text	String!	+ Add a field		name	String!
chatroomID	Relationship Source	Relationship name	Related to	image	String
userID	Relationship Source	Messages	Message	status	String
+ Add a field		Users	User	+ Add a relationship	
+ Add a relationship		LastMessage	Message	Relationship name	Related to
		1:n one ...	m:n ma...	chatrooms	ChatRoom
		m:n ma...	1:1 one ...	Messages	Message
		+ Add a relationship		1:n one ...	





Operations

DEV GRAPH

Connected
http://localhost:4001

Auto update ON

```
1 query Query {  
2   products {  
3     edges {  
4       product {  
5         name  
6         price  
7       }  
8     }  
9   }  
10 }
```

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Q&A



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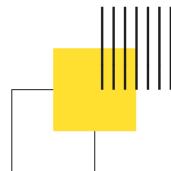
Realtime functionality



AWS Amplify

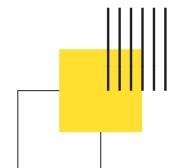


Sorting

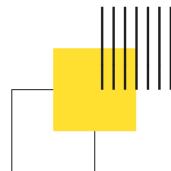


Realtime updates

Using GraphQL Subscriptions



Groups



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Let's get started



GraphQL Subscriptions

