

Roadmap

Bootcamp Nodejs 2022

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Roadmap NodeJS Full Stack

Week I

- Data Type
- JS Memory
- Variable Scope
- Conditions
- Iteration
- Data Structure
- Functional
- Object Type
- Async Await
- Coding Challenge

Week II

- Database PostgreSQL
- NodeJS Fundamental
- RestFul API
- Raw Query
- Unit Testing
- Debugging
- Filtering Test

Week III

- ORM Sequelize
- Middleware
- Webpack
- Deploy To Cloud

Week IV

- ReactJS Fundamental
- React Life Cycle
- React Hook
- Single Page Application
- React Router
- Component
- Parent & Child Component
- Project Challenge

Week V

- Styled Component
- Tailwind CSS
- Redux
- GraphQL
- Server Side Rendering (SSR)
- Webpack

Week VI-XII

- Develop HR Bootcamp

Requirement Software

Installer

- Node JS
- VSCode
- Postgres + PGAdmin
- Git
- Yarn
- Postman
- Create Account
Github

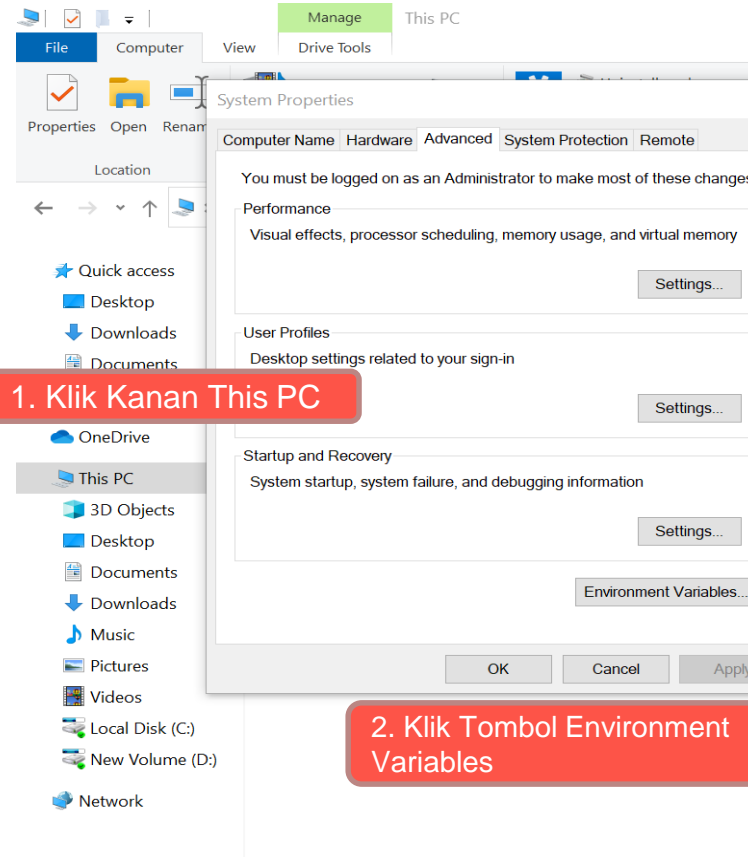
V S C o d e P l u g i n s

- Visual Studio Intellije Code
- ES7 React/Redux/GraphQL/React-Native Snippets
- Live Server
- Eslint
- Prettier – Code Formatter
- Javascript & TypeScript (Nightly)
- Mocha Test Explorer



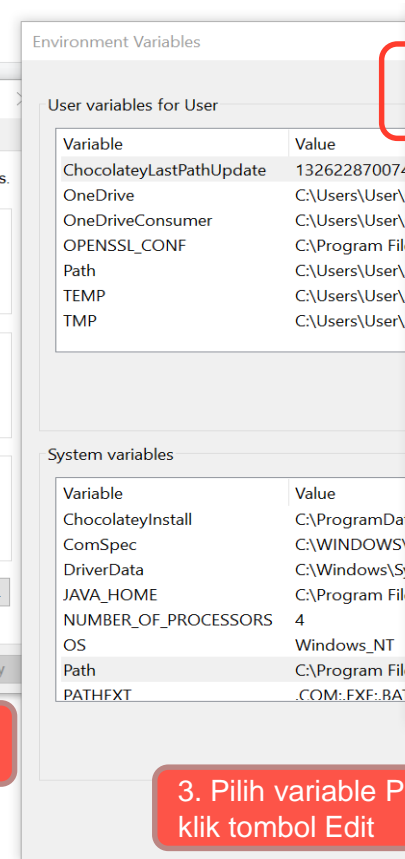
Jangan lupa untuk create account
di github

Setting Environment Path

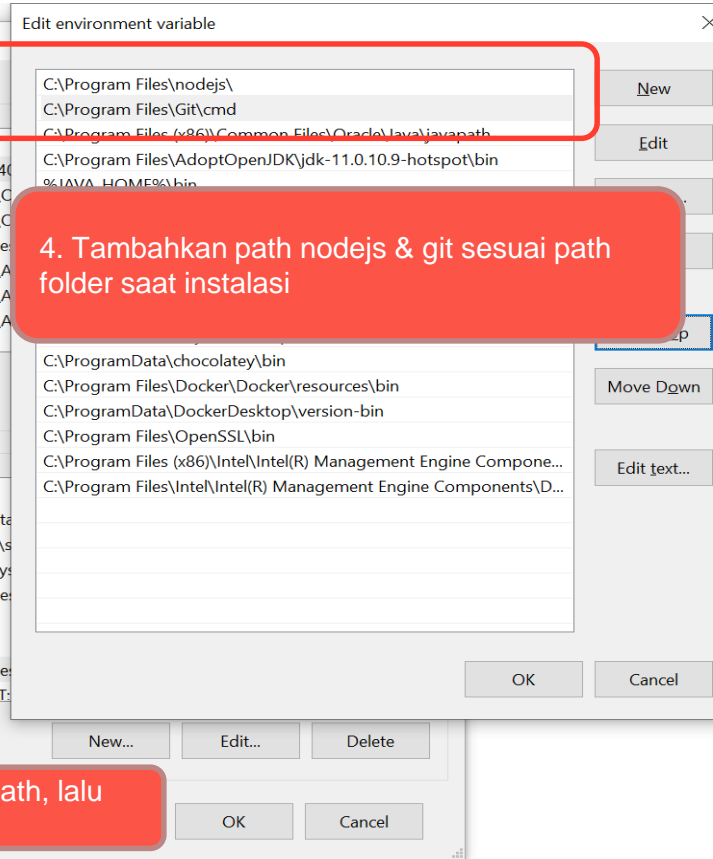


1. Klik Kanan This PC

2. Klik Tombol Environment Variables



3. Pilih variable Path, lalu klik tombol Edit



4. Tambahkan path nodejs & git sesuai path folder saat instalasi

Variable	Value
ChocolateyLastPathUpdate	132622870074
OneDrive	C:\Users\UserC
OneDriveConsumer	C:\Users\UserC
OPENSSL_CONF	C:\Program File
Path	C:\Users\UserA
TEMP	C:\Users\UserA
TMP	C:\Users\UserA

Variable	Value
ChocolateyInstall	C:\ProgramData
ComSpec	C:\WINDOWS\s
DriverData	C:\Windows\Sys
JAVA_HOME	C:\Program File
NUMBER_OF_PROCESSORS	4
OS	Windows_NT
Path	C:\Program File
PATHEXT	.COM;.EXE;.BAT

C:\Program Files\nodejs\
 C:\Program Files\Git\cmd
 C:\Program Files (x86)\Common-Files\Oracle\Java\javapath
 C:\Program Files\AdoptOpenJDK\jdk-11.0.10.9-hotspot\bin
 %JAVA_HOME%\bin

C:\ProgramData\chocolatey\bin
 C:\Program Files\Docker\Docker\resources\bin
 C:\ProgramData\DockerDesktop\version-bin
 C:\Program Files\OpenSSL\bin
 C:\Program Files (x86)\Intel\Intel(R) Management Engine Compone...
 C:\Program Files\Intel\Intel(R) Management Engine Components\D...

Final Objective



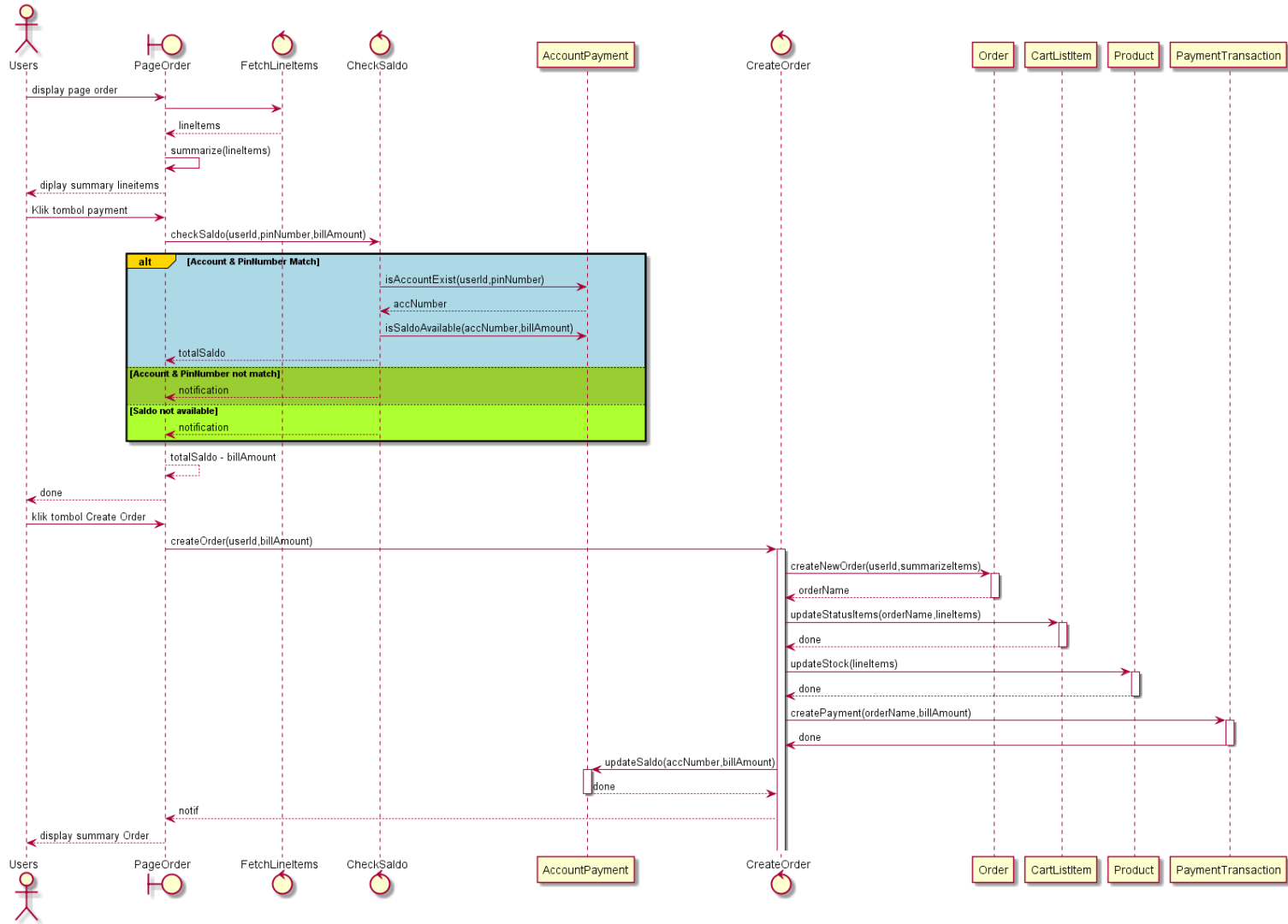
Software Developer Full Stack

Soft Skill

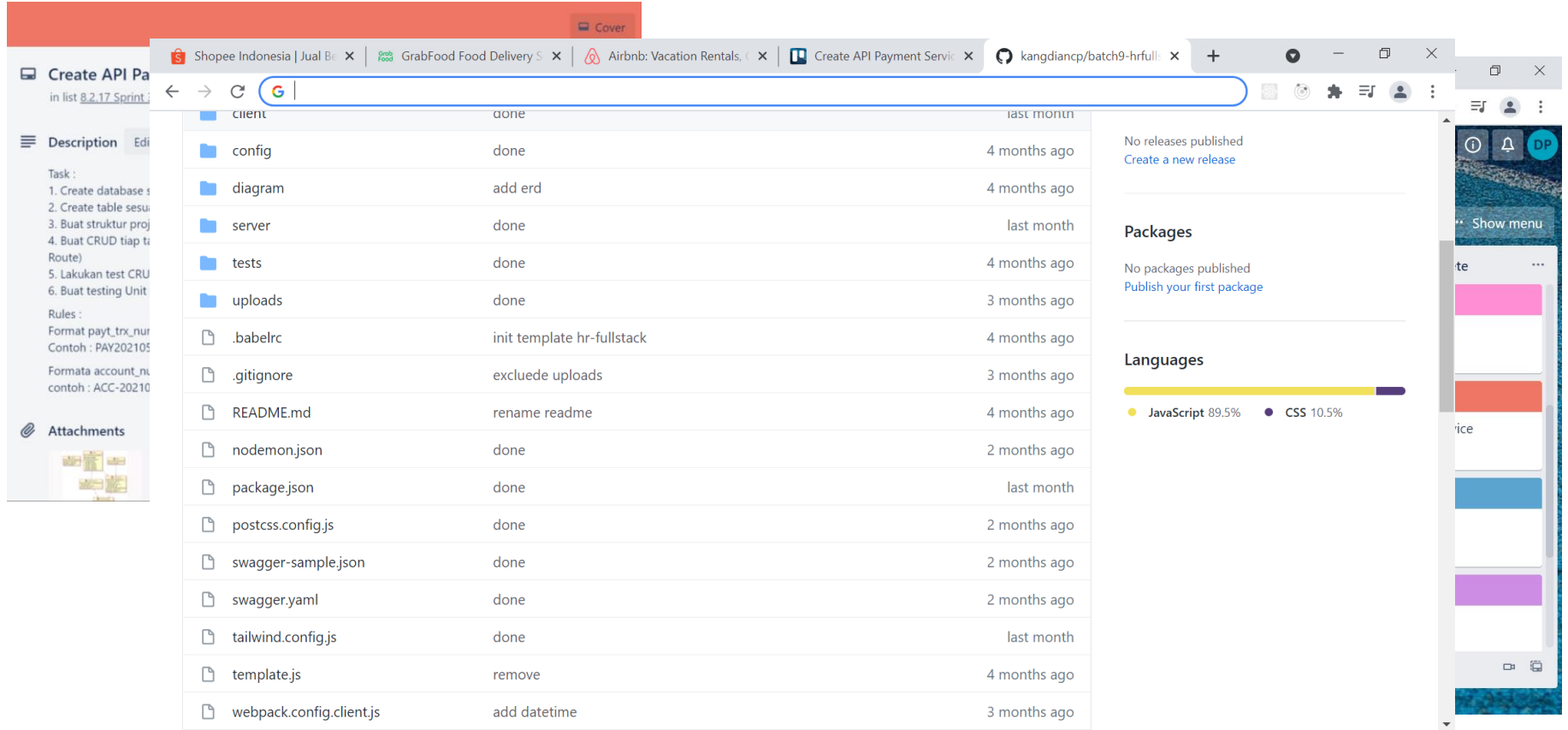
- Self Learning
- Dicipline
- Persistence
- Problem Solving
- Communication

Hard Skill

- Logic & Technical
- Backend & Front End
- Technology Framework
- SDLC (Software Development Life Cycle)



Implementation Agile With Trello



The screenshot displays a web browser window with multiple tabs. The active tab shows a project management interface. On the left, a sidebar contains a 'Description' section with a list of tasks and an 'Attachments' section with image thumbnails. The main area features a table with columns for file names, their status, and the time since they were last updated. On the right, there are sections for 'Packages' and 'Languages' with associated statistics.

File Name	Status	Last Updated
client	done	last month
config	done	4 months ago
diagram	add erd	4 months ago
server	done	last month
tests	done	4 months ago
uploads	done	3 months ago
.babelrc	init template hr-fullstack	4 months ago
.gitignore	excluded uploads	3 months ago
README.md	rename readme	4 months ago
nodemon.json	done	2 months ago
package.json	done	last month
postcss.config.js	done	2 months ago
swagger-sample.json	done	2 months ago
swagger.yaml	done	2 months ago
tailwind.config.js	done	last month
template.js	remove	4 months ago
webpack.config.client.js	add datetime	3 months ago

Task List:

1. Create database s
2. Create table sesu
3. Buat struktur proj
4. Buat CRUD tiap ti
5. Lakukan test CRU
6. Buat testing Unit

Rules:

- Format payt_trx_nur
- Contoh : PAY202105
- Formata account_nk
- contoh : ACC-20210

Packages:

- No releases published
- [Create a new release](#)
- No packages published
- [Publish your first package](#)

Languages:

- JavaScript 89.5%
- CSS 10.5%

Mini Project Themes

Home

Share

Create

PINNED PROJECTS

GA

GraphQL A...
12 Members

NB













New Benef...
8 Members

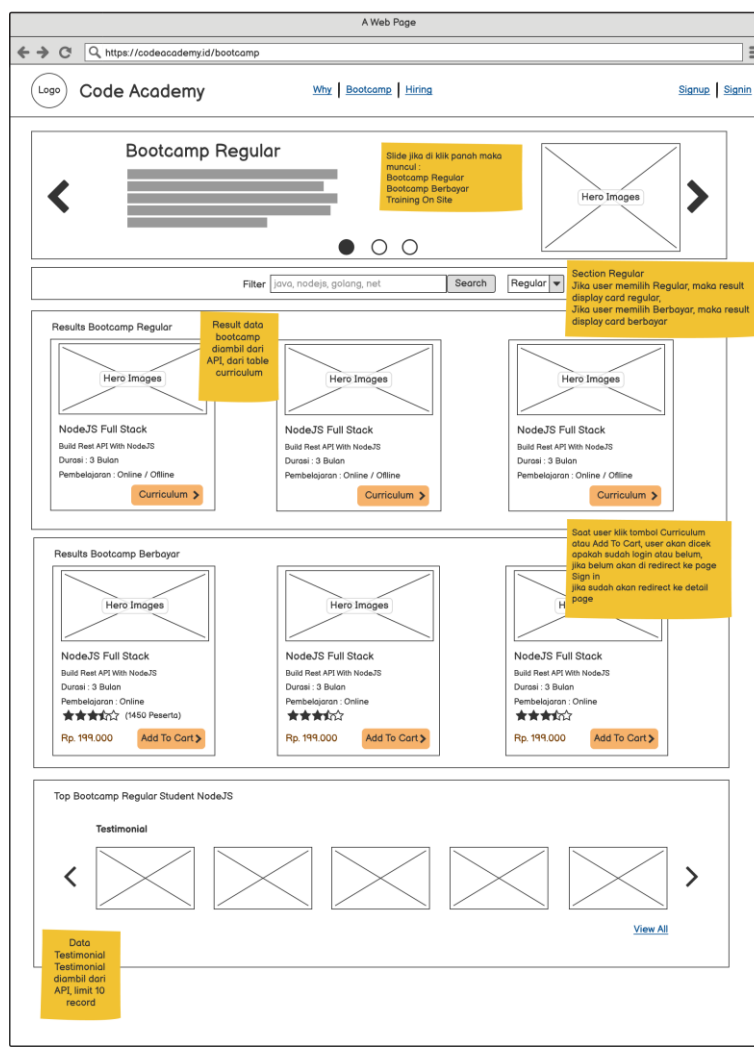
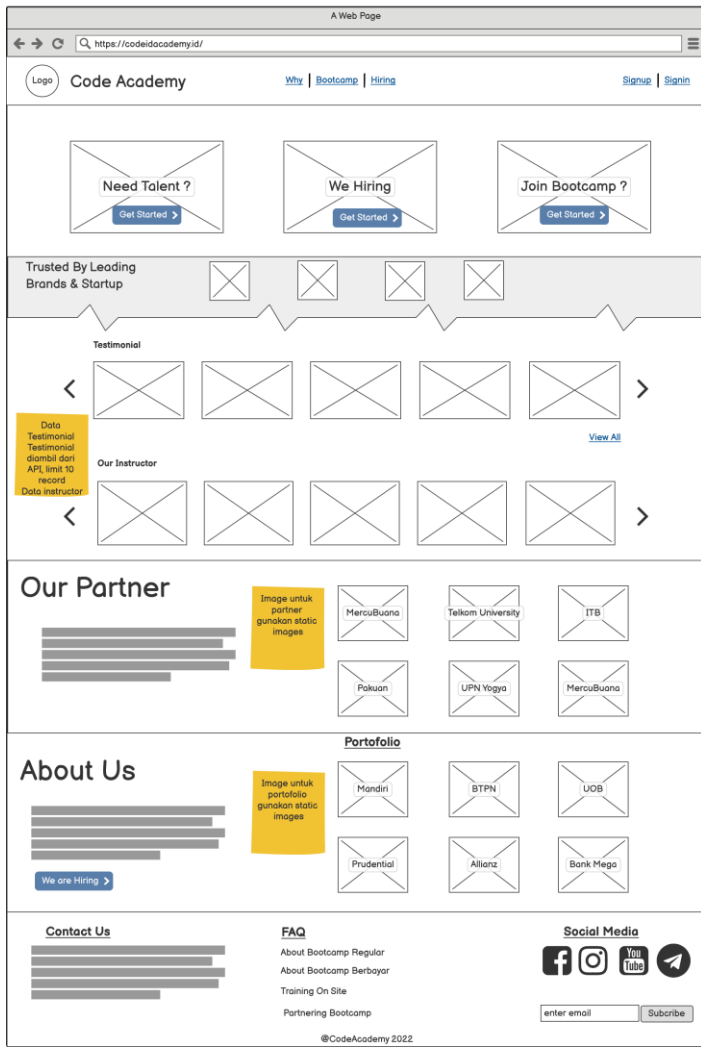
OE

Onboardin...
14 Members

IA

iOS App
2 Members

PROJECT	MEMBERS	LAST UPDATED	
GraphQL API in Engineering	 +8	March 17, 2020	Edit
New Benefits Plan in Human Resources	 +4	April 4, 2020	Edit
Onboarding Emails in Customer Success	 +10	March 30, 2020	Edit
iOS App in Engineering		March 30, 2020	Edit
Marketing Site Redesign in Engineering	 +3	June 17, 2020	Edit
Hire CFO in Human Resources	 +4	July 11, 2020	Edit
Android App in Engineering	 +8	July 17, 2020	Edit
New Customer Portal in Engineering		July 29, 2020	Edit
Co-op Program in Human Resources	 +8	August 3, 2020	Edit
Implement NPS in Customer Success	 +4	August 8, 2020	Edit
Employee Recognition Program in Human Resources	 +8	August 14, 2020	Edit
Open Source Web Client in Engineering	 +8	September 21, 2020	Edit



App Batches Create



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Buat API untuk :
Post data ke table Batch dan Talent_Batch (one-to-many)
Untuk Recommended Talent, fetch dulu talent, lalu pilih, ketika di klik maka member batch akan di counter, simpan talent yang dipilih dalam array, pada saat dipost dikirim data batch dan yg dipilih

Create Batch

Batch Name
Batch Name

Technology
Bootcamp Technology

Trainer
Trainer

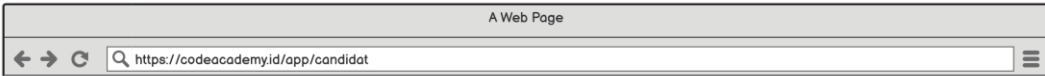
Periode
/ / to / /

RECOMMENDED BOOTCAMP MEMBERS

	+		+
	+		+
	+		+
	+		+
	+		+

Kandidat yang terpilih pada saat di klik akan berubah berwarna hijau dan jumlah member yang di klik akan tampil di kanan atas

App Candidat



Code Academy

Buat API untuk :
menampilkan data talent yang status nya sesuai tab (Applied, confirm, filtering, contract, disqualified)

Candidates

Applied **Confirm Test** **Filtering Test** **Contract** **Disqualified**

Filter By Month Year

	Emily Selma emily@sample.com	Universitas Ternama Teknik Informatika	Lulus 2019	HP : 0813333	NodeJS	Applied on January 5, 2022 Filtering Test Pass	⋮
	Emily Selma emily@sample.com	Universitas Ternama Teknik Informatika	Lulus 2019	HP : 0813333	NodeJS	Applied on January 5, 2022 Contract Done	⋮
	Emily Selma emily@sample.com	Universitas Ternama Teknik Informatika	Lulus 2019	HP : 0813333	NodeJS	Applied on January 5, 2022 Contract Done	⋮
	Emily Selma emily@sample.com	Universitas Ternama Teknik Informatika	Lulus 2019	HP : 0813333	NodeJS	Applied on January 5, 2022 Contract Done	⋮

Curriculum hanya untuk role trainers

Curriculum hanya untuk role Pro-Recruiter

Assignment hanya untuk role Account Manager

Switch to Filtering Pass & Failed hanya bisa dilakukan oleh trainer

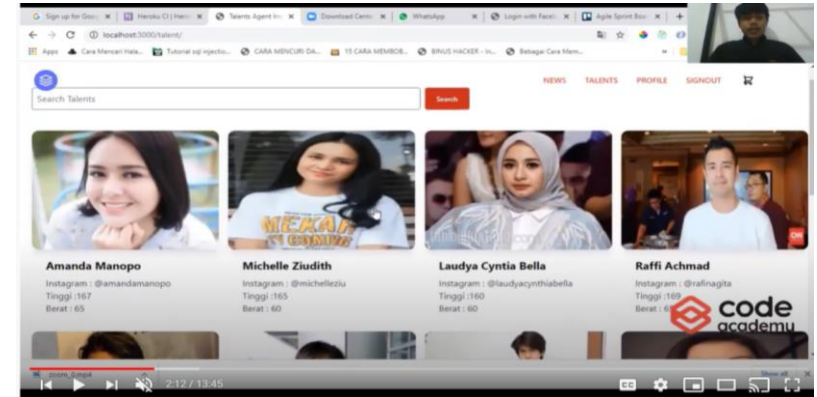
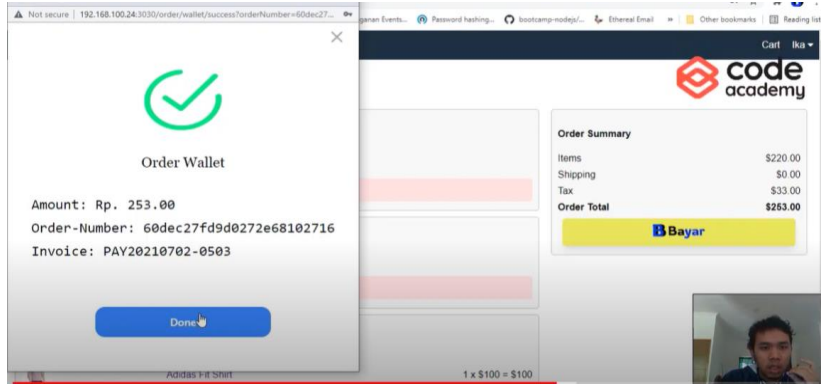
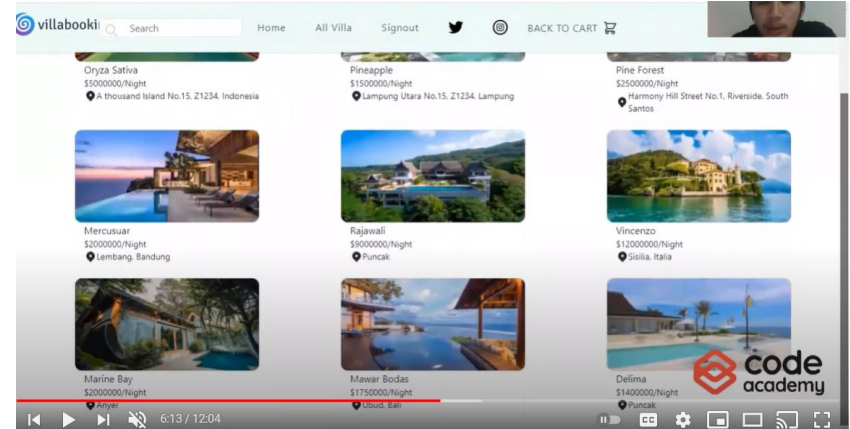
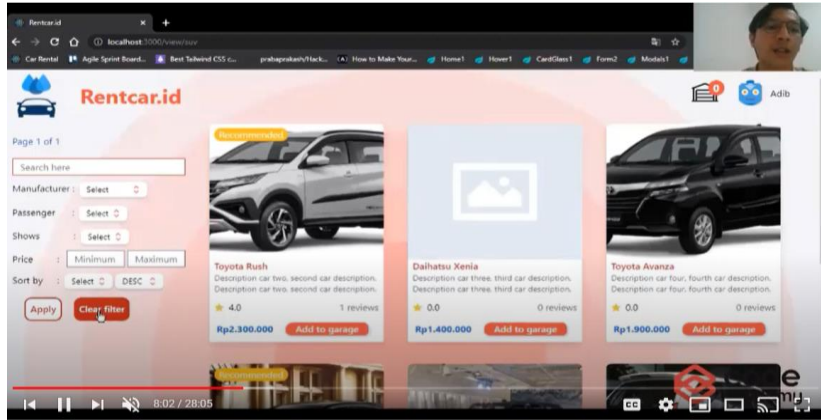
onClick, muncul dialog

Confirm Test
Filtering Test Pass
Filtering Test Failed
Contract Done
Disqualified

Confirm
Are you sure switch candidat status from Applied to Confirm Test ?
Yes No

Ketika contract done, maka data candidat akan di insert ke table talent dengan attribute yg sama dengan di table candidat

Bath#9 Mini Project NodeJS Full Stack



https://www.youtube.com/playlist?list=PLBkv2zBfluT_QP6QcucX1oUAbvOh2B7fz

THANKS!

Any questions?

