Roadmap
Bootcamp Nodejs 2023

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Principal Trainner

Roadmap NodeJS Full Stack

code academy

Week	Duration	Materi	SubMateri
1 - 3	5 Days	PostgreSQL	Create Database
			DDL & DML
			DDL & DDL
			Store Procedure
			Challenge
	10 Days	Javascript & Typescript	Data Type & Variable
			Scoping Variable
			Operator, Convention Name, Conversion
			Control Statement & Exception
			Iteration
			Data Structure
			Functional
			Object Type
			Async Await
			Challenge
			Git Repository
4 - 5	10 Days	Develop Backend (Express.Js & Nest.Js)	Develop RestFul API with Express.JS and Nest.JS
			Routes
			ORM Sequelize(Express.JS) & ORM TypeORM(Nest.JS)
			Controller & Middleware
			Security with JWT
			Debugging & Unit Testing
			Deployment

Week	Duration	Materi	SubMateri
6	5 Days	Develop Front End with ReactJS	ReactJS Fundamental
			React LifeCycle
			React Hook
			React Router
			Create Component (Parent Child Component)
			Styled Component
			Flexbox & Grid Layout CSS
			Develop Single Page Application (SPA)
			Call API Backend From ReactJS
			Integrate with TailwindCSS
7-8	10 Days	ReactJS Advance & Next.JS	Redux Basic
			Reducer
			Configuration
			Action Creator
			Redux Toolkit
			Redux Saga
			Config Redux Saga
			How call RestAPI with Redux Saga
			Create Page CRUD & Call API With Redux Saga
			Login Page
			Category Page
			Product Page

Requirement Software

I n s t a l l e r

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

- Node JS

- VSCode
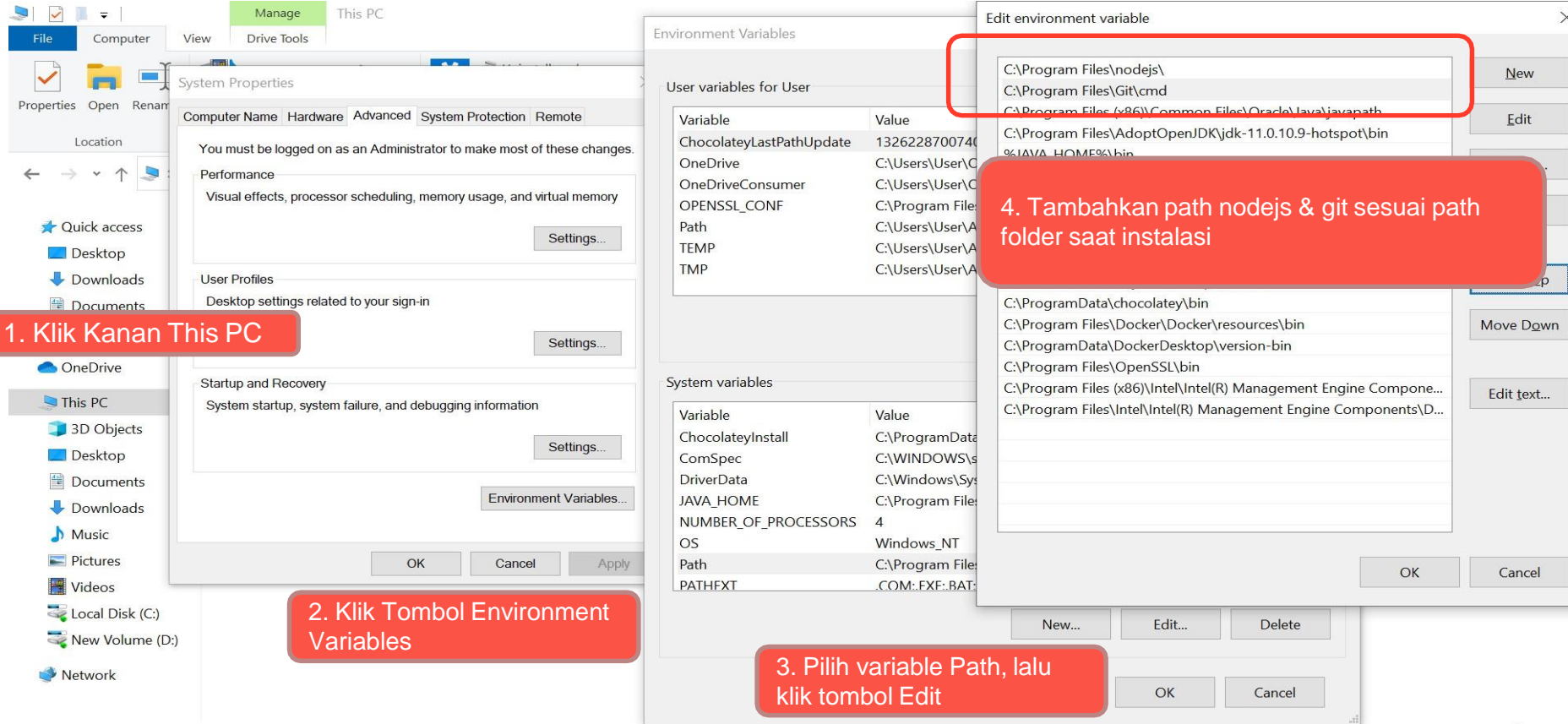
- Postgres + PGAdmin

- Git

- Yarn

- Postman

- Create Account
  Github

- 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

Final Objective

Software Developer

Full Stack

S o f t   S k i l l

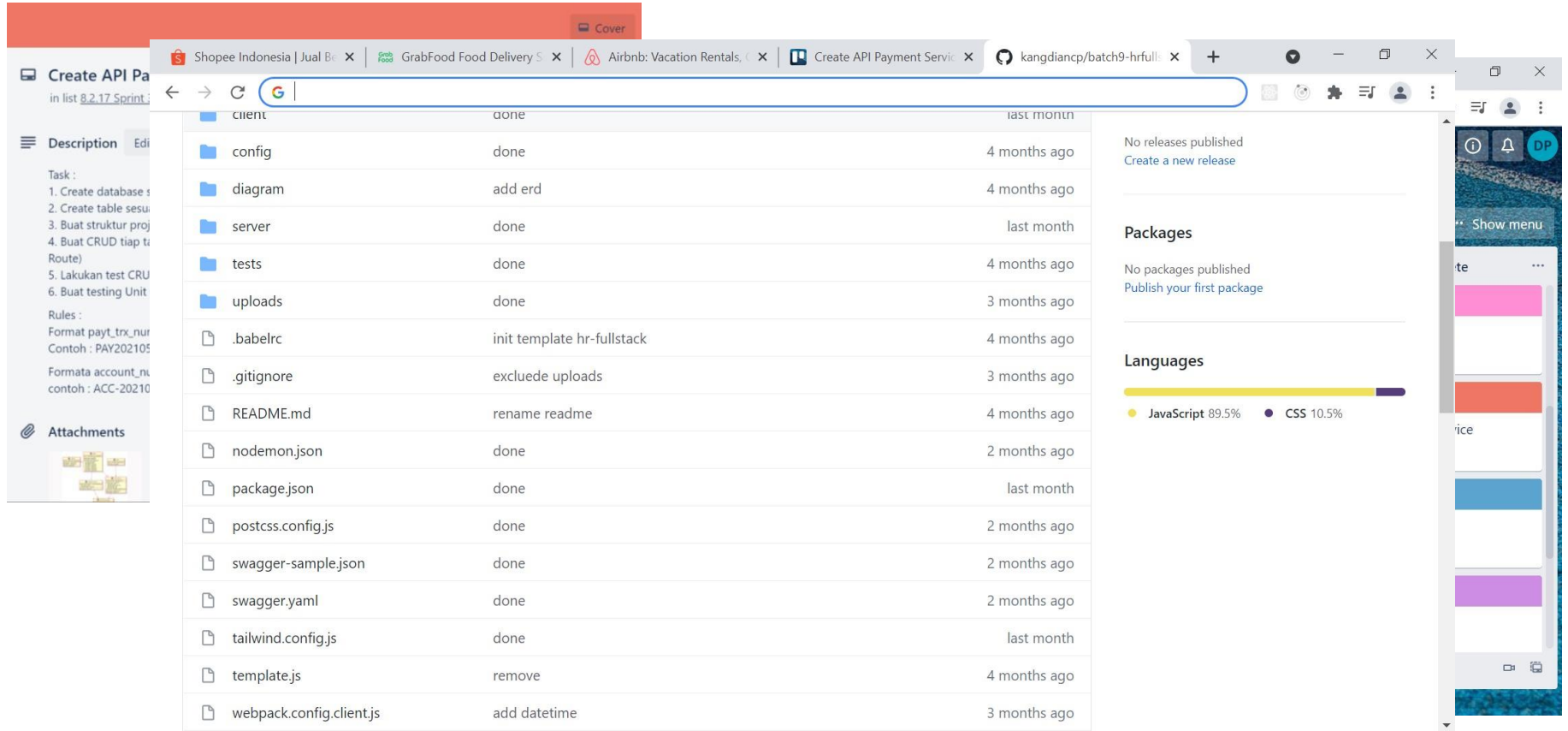- Self Learning
- Dicipline
- Persistence
- Problem Solving
- Communication

H a r d   S k i l l

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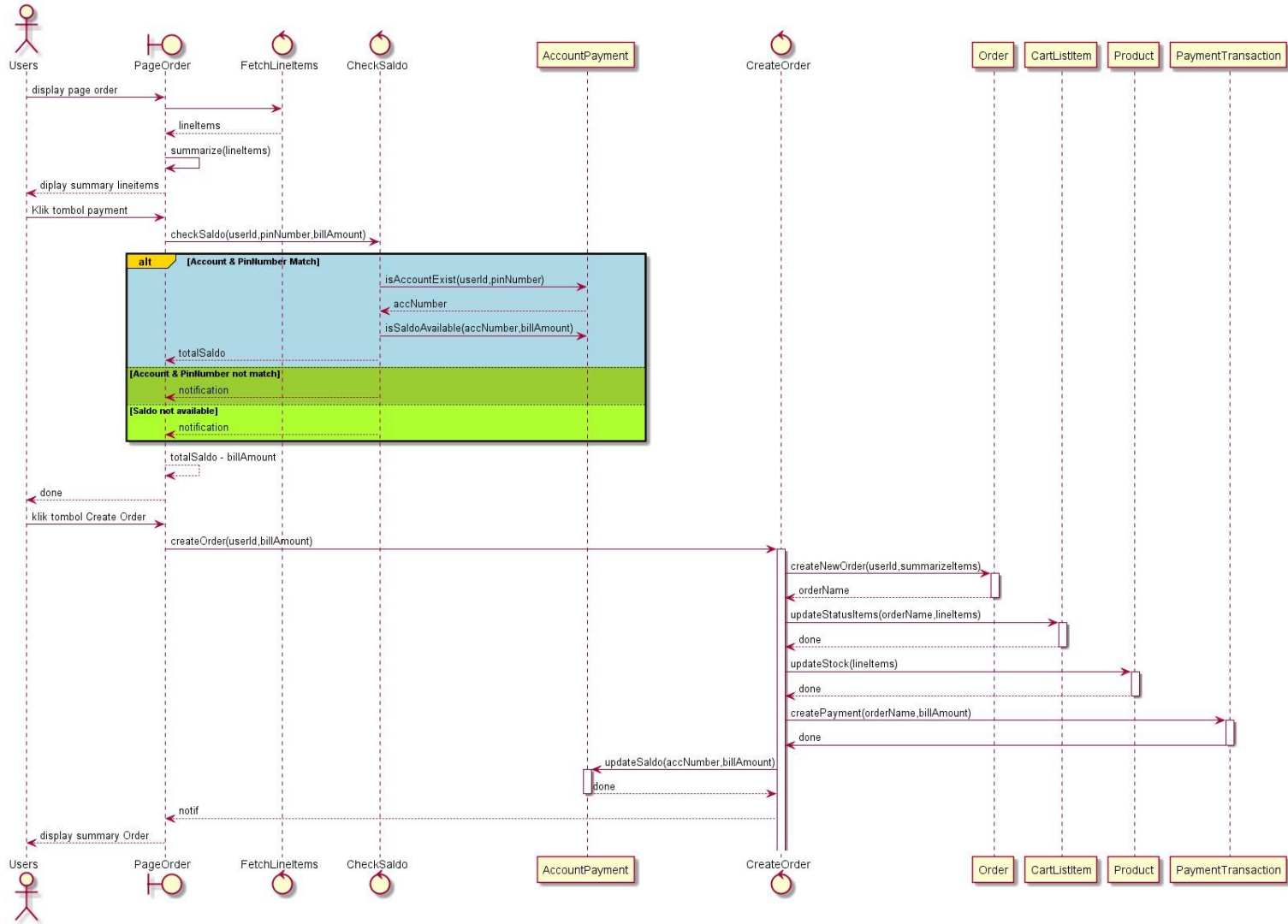
Implementation Agile With Trello

Mini Project Themes

code academy

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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

Home

A Web Page

https://codeidacademy.id/

Logo **Code Academy**   Why   Bootcamp   Hiring   Signup   Signin

Need Talent ?
Get Started

We Hiring
Get Started

Join Bootcamp ?
Get Started

Trusted By Leading Brands & Startup

Testimonial

Data Testimonial Testimonial diambil dari API, limit 10 record Data instructor

View All

Our Instructor

Our Partner

Image untuk partner gunakan static images

MercuBuana   Telkom University   ITB

Pakuan   UPN Yogya   MercuBuana

Portofolio

About Us

Image untuk portofolio gunakan static images

Mandiri   BTPN   UOB

Prudential   Allianz   Bank Mega

We are Hiring

Contact Us

FAQ
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About Bootcamp Berbayar
Training On Site
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Social Media

enter email   Subcribe

@CodeAcademy 2022

Bootcamp

A Web Page

https://codeacademy.id/bootcamp

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Bootcamp Regular

Slide jika di klik panah maka muncul :
Bootcamp Regular
Bootcamp Berbayar
Training On Site

Hero Images

Filter   java, nodejs, golang, net   Search   Regular

Section Regular
Jika user memilih Regular, maka result display card regular,
Jika user memilih Berbayar, maka result display card berbayar

Results Bootcamp Regular

Result data bootcamp diambil dari API, dari table curriculum

Hero Images

NodeJS Full Stack
Build Rest API With NodeJS
Durasi : 3 Bulan
Pembelajaran : Online / Offline
Curriculum

Hero Images

NodeJS Full Stack
Build Rest API With NodeJS
Durasi : 3 Bulan
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Curriculum

Hero Images

NodeJS Full Stack
Build Rest API With NodeJS
Durasi : 3 Bulan
Pembelajaran : Online / Offline
Curriculum

Saat user klik tombol Curriculum atau Add To Cart, user akan dicek apakah sudah login atau belum, jika belum akan di redirect ke page Sign in
jika sudah akan redirect ke detail page

Results Bootcamp Berbayar

Hero Images

NodeJS Full Stack
Build Rest API With NodeJS
Durasi : 3 Bulan
Pembelajaran : Online
(1450 Peserta)
Rp. 199.000   Add To Cart

Hero Images

NodeJS Full Stack
Build Rest API With NodeJS
Durasi : 3 Bulan
Pembelajaran : Online
Rp. 199.000   Add To Cart

H

NodeJS Full Stack
Build Rest API With NodeJS
Durasi : 3 Bulan
Pembelajaran : Online
Rp. 199.000   Add To Cart

Top Bootcamp Regular Student NodeJS

Testimonial

View All

Data Testimonial Testimonial diambil dari API, limit 10 record

App Batchs Create

A Web Page

https://codeacademy.id/app/batch/new

Logo **Code Academy**

🏠 Home > Batch

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

Create Batch

- Dashboard
- Candidate
- Batchs
- Talents
- Curriculum
- Assignm...
- Posting

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

Batch Name
Batch Name

Technology
Bootcamp Technology

Trainer
Trainer

Periode
/ / to / /

RECOMMENDED BOOTCAMP MEMBERS

Lindsay Lohan — Univ. Ternama (repeated list)

App Candidat

A Web Page

https://codeacademy.id/app/candidat

Logo **Code Academy**

🏠 Home > Candidat

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 ▾

- Dashboard
- Candidate
- Batchs
- Talents
- Curriculum
- Assignment
- Posting Hiring

Curriculum hanya untuk role trainers

Curriculum hanya untuk role Pro-Recruiter

Assignment hanya untuk role Account Manager

Image Profile | Emily Selma | emily@sample.com | Universitas Ternama Teknik Informatika | Lulus 2019 | HP : 0813333 | NodeJS | Applied on January 5, 2022 / Filtering Test Pass

Image Profile | Emily Selma | emily@sample.com | Universitas Ternama Teknik Informatika | Lulus 2019 | HP : 0813333 | NodeJS | Applied on January 5, 2022 / Contract Done

Image Profile | Emily Selma | emily@sample.com | Universitas Ternama Teknik Informatika | Lulus 2019 | HP : 0813333 | NodeJS | Applied on January 5, 2022 / Contract Done

Image Profile | Emily Selma | emily@sample.com | Universitas Ternama Teknik Informatika | Lulus 2019 | HP : 0813333 | NodeJS | Applied on January 5, 2022 / Contract Done

onClick

Switch to Filtering Pass & Failed hanya bisa dilakukan oleh trainer

onClick, muncul dialog

First | < | 1 | 2 | 3 | 4 | > | Last

Confirm Test
Filtering Test Pass
Filtering Test Failed
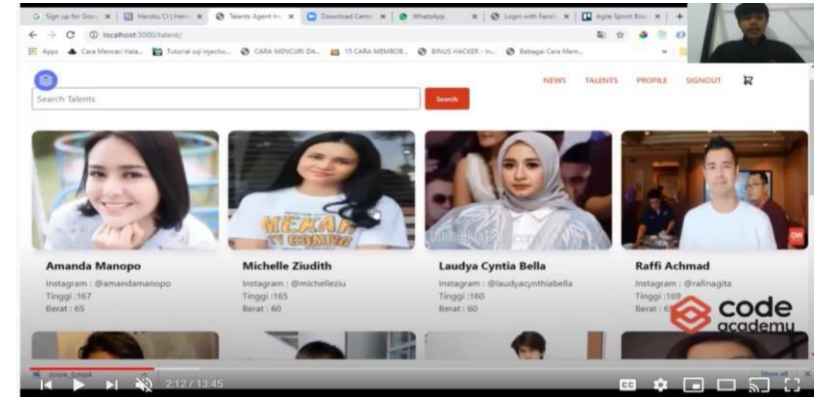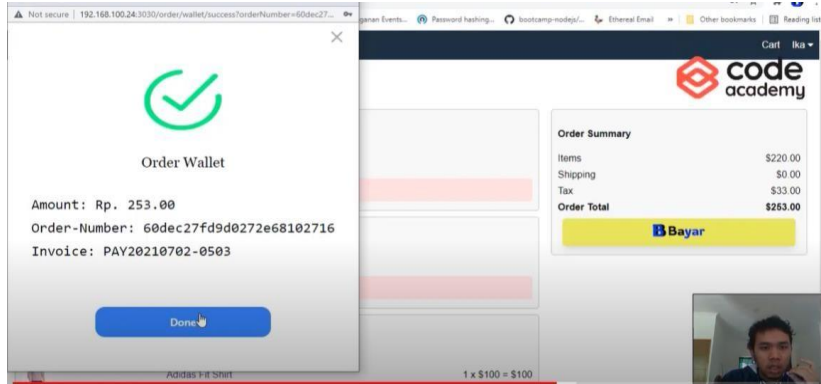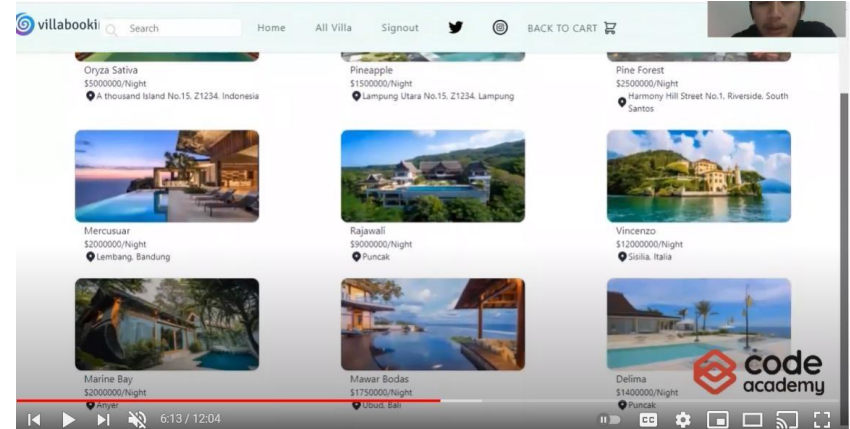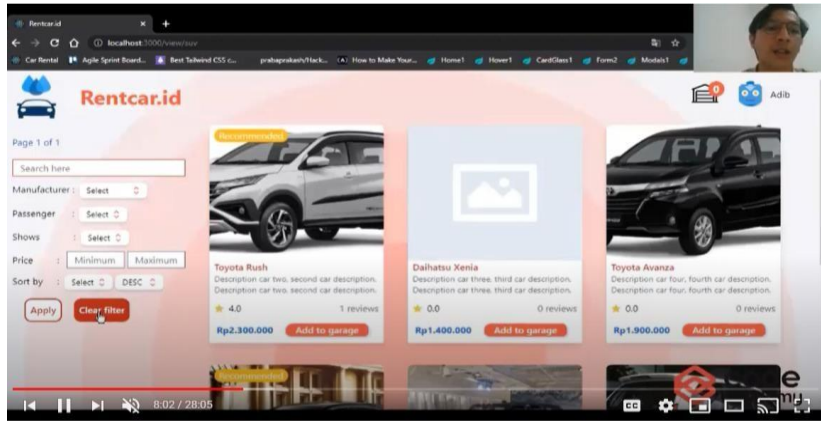Contract Done
Disqualified

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?