JSON Web token Structure:claims: - iss (issuen) explarpination time). * Headen! bus (Inclus) dus * Payloados shoppions por motormodis of signatures the spe books - more The Headen; with any or mit no - + type lobs token me men sour do p - signing algorithm. Token Signature: }',, alg"; " Hs25(") of lovetypes, "JWT" of two the medical INT just when which we had spoot add - 24, add 21/2 signature 600

JWT PAYLOAD: JSON Web token struct + Registerred claims: - iss(issven), explexpination time),

sub (subject), and (audience) sub (subsect), and (audience). er D'intonnation Din energrete John DN-* signature Cathors - swar baslery di ave)! creation time, expine dunnation, mor you identy of usen agmi semm paylocal of-JSON WEB Token Signature:

Just headen + Just payload base 64 unl 90, ansyper encode 214 oro, 2mr amon 6 mil secret add 24, add 214 signature 4000,

+ puting . all together. -- (x - restles encoqued think holo sub in String a data for nepresent mon

Express Rest Api Package Essential Package: * Express: The cone backbone * Body-pansen & This is a mode. Is middleware for han ding . JSON, Raw, Text and URL encoded * Helmet : Helmet helps you what I tours *cookie-pansen: cookie ca prase - avoro on cookie-Description of the down deleter * Multer: This is a node. Is middlewone for handling multipant / form-data, * Isonweb token: Securely transmitting infronmation between parties as a JSON Object. * My 59L Drive: To access a My 59L detabase with Node * Mongo de Driver: To 4 4 Mongo 4 4 4 * Dotenv: Dotenv is a zero-dependency module that loads environment variables. Klons: Cors is a node. Is package bon providing a Connect / Express middleware that can be used to en able cors with various options.

- Express-mongo-sanifize: Sanifizes user-supplied data to prevent Mongo DB Operator Injection.
- Express-nate-limit: sty usen form & (Maryon- & Maryon- &
- * Helmet; Helmet helps you seeme your Express apps by setting various HTTP headens,
 - HTTP headens,

 * HPP: Express middleware 'to protect against

 HTTP -parameter Pollution attacks.
 - * Validation: A library of strong validations and sanitizens.
 - * Xss-clean: commeet middle wane to sanitize

 usen input coming from Post body,

 Gret queries and unit panams.

loads convincement vanibles,

Klons: Colleris a noderos prepade pour buonique d

Rest Api Project structure

File Foldere Structure:

+ Fore Mono little Application Mve (Model, view controller)

+ Fore Rest Api. Mc [Model, Controllers).

Project strenden.

- + index. Js
- + App. 33 -+ configure
- + contiguenv
- Routes -> Routes, js:
- -> Controller -> Controller. js
- Models -> Model. 75

Project structer: File Folder Structure: Client 'Senipt' Routing and point Controller Database App. is + consigure 1 + config.env Model * Routes -> Routes, is: * Controller -> Controller. 35

Creede My Express Rest Api Pr	roject Structer.
	Controller
2. cneate Package, John	hollant
3. Install express	Controllers its
4. Install mode package.	
5. index. js 6. app. js "esosous" esutote } nost (00) s	exponts. He ness state
7. comente contig. env	2
2. "create "sne directory	
9. Crente sre-> controllers folders	loutes/
10. courte - 19 soc-> models bolden.	opings exp
12. create sne-> noutes bolders	- L-1
72. Ineate sne-> montes volacións 72. In sne-> mildele course 13. M sne-> helpero	const Hell

routen. get ["/hello-get" Hello Controllen. Hello] readen post ("/hello-post" Hello Contraller . Hello)