le-la Laile Project (1) Creation of new foogles Ruby VI Rails. Framework > A set of code librarios of deta showling that praide generic functionality that can be used over iden or further operialsed. DRY Comentia over configuration 1.2 MVC Architecture Browser - Controller Formaller Siew
Reservation
Preservation Activiller Controller Mondles Deelne Model = Data Sere Achre Record Landles

Contente mangement system

CMS

-1-1-2.1 New Project creation the same as I File structure of Ruty on Ralls Project. helpor & siew helpers voide javarent javarent config olb public gernfite 2.3 Configure a project application of tell subg how to inflection of tell subg how to flurarize some works, config development or , lest bb production to

Access the Project. Acces the Project locathost: 3000 Controller and a view. saifs generate controller Demo de method in to controller is altien layout false. sender the view back to bowser - config / souths. 18 2.6 Sever Request Mandling. Rails Arochitecture 1 Ralls Francwak Browser - Webserver - (Public) Corpoller view model = B Limb defailt culingo

2.2 Routes · Défault Route. · Root Route. · Resourceful Route. O Simple match Routes.

get "demo/inden" mater "demo/index'; 60 = "demo Hinden"; via siget get request post request. 4 Default Routs GET/students/edid/82. match ': controller (/: action (1: id)), : via ziget

Root Route - Rotale to Roots if no voute is marther

root "demost index"

match "/", : to -> "demost index", * vie -> : get.



28 Challerye

Render a Templak

Request - Response - Loop

· Route Controller Action View Template

get 'demo/hello'

· sender (: template > "demo/hello") o sender ('derno/hellow).

o render ('hello')

To van/derno
yolder. tolder

3.2 Redirect Action

HTTP Redirect

· scdirect to C' Controller - "deno"; action - s'index) · sedict redirect to (controller: deuro, action: 'inden') · redirect to ('action = 'inden')

is assumes came controlled.

redirect to ('tilles: //nytimes.com') 3:3 lieu Feniflates ElB + Embedded Ruby. hello. html. erb Template name. hello Process with I ERB Outfut file: html. ERB tage (1. code!) cneclike Ruby

(1.= code 1.)

4 execute Ruby Code but

also output Result intemplate. fort of to the contole

8.4 Instance Variable O knoughout soutours of access to it inside the tempatate not view to controller 3.5 Links Creating Links <a href = " (demo /index ") click nexta to make link reseation carrier <%= link_to (text, target) "> target . "/demo finder"
. L'icontroller & demo , acho & inden
- L'action & antest &

Gurrent controller.

3.6 URL Parameters Porameters hash in Rails, & : controller = 1 'dems' : action = 3 'hello' : id = 1 'kevh' } parans + object get values. Contin all foram [:id] or foram ['id'] id has frivdeded position Excersise Solution ("mail ") "/)

helper 3.8

Database said db: scheme! dump. Migration · Can use lagacy database tables · Can monually mange database table. · Can use ROX migrations. describe destabase changes . Aleks database scheme with appeade Share database scheme. · help with verion control system Allows writing Ruby instead of sgl. 4.3 Generate Migrations change is shoothands for end det up end dep down

Eunning migrapian. +4 Puts command to port non message in schene-migration Granis tinglangs. will do: migrak VERSION = 0 migration all Excessize Setive Record & Active Ralation. Paile carole laile c -e development 3.3 Creak Record inventible value, - new + save 3.40 proces seek (new Keord?)

	//_
5.4.	Update Reword
	· find + work = 3 sep · find + work => 2 steep
5.5	Delek Record
5.6	Find Records
	Pomony key finder. Classnone find (Px) Gobject versor . where (? Visible > true)
	· where (? visible = 1 end position (10")
	· where (['first_name LIKE?', aguery)
	Cobject arnil. Good Practice
	· Order ('Nontron ASC') · Limit (20)
	Affect (100)

//_

One to Many Associations + · Create relationship in database. + . Define ordationship in models, both sides has -many · Use Relationship. subject pages. 20 page append method.
delete (page)
. empty? 6. CRUD · Depende Controllers.

Prival names por controllers.

Subjects Controllers, Pages Controllers. · Often: One Controller permodel. model & singular names. resource oriented approach

6.2 Rest and Resourceful Rouks. REST - Repogentational State transfer SInskad of performing procedures, beform state transformation upon besources. HTTP Verbs. Retrière item from resouver links Verb GET Create now item in desource. forms POST Updating enisting iten in resource PATCH Destring exching item in resource Pelote Rails Defaut.

· Used by many proffesso derelopes.

· Optimizes for set REST · dimple consistent, organized snurry. Improves application security. Resourceful Routes (RR) resources : subjects resources : pages. Omniting RR. · resources: Ardens, : excepts & [: show]

only > [:inden, ishow] · Adding RR. ries member do member do get deletes end member Tispecific iten in table donné a collection do reciercia, get : a emport end Collection he whole table