Micro frontends using single-spa * In our example name of the folder is 'container' * Navigate to 'container' folder * Install single-spa globally * Run 'npm start' * The container app is > npm install -g single create-single-spa started at 'localhost: 9000 * Edit index.ejs revers Mare in Pesien Spec -> create-single-spa -- version -> Add <header> tag within (v1.11.0 as of 24-6-20) <body> tag -> Add <main > tag within * Create container app Lbody > tag below the <header> tag -> create-single-spa -> <header> tag is a containes placeholder of Navbar -- module Type root-config -> <main> tag contains a placeholder of for a. Home * The above command creates container app in a separate folder b. Users

3	(
* create a # MF app for Navbar	* Ensure Navbar MF app is
in using React	running on port 8500
d	
-> create-single-spa	Ensure that Container app is
framework react	sunning on post 9000
dix navbax	* Add Navbax MF app to
* A new folder is created, in	container app.
our case - 'navbar'. Our React	
app is placed here	* Edit index ejs (container
→ Edit package.json"	app)
-"start" script	-> Add "react" and "react-dom
"bebpack-dev-server	to shared dependencies
port 8500"	import map
	Buckethan telasses (Maylas)
-> Now we have configured	-> Point the values to CDN
out NavBar MF app	→ Point the values to CDN urls
to sun on	
localhost: 8500	→ Add "@dell/navbar" key
	to organizations import map
→ Run 'npm start'	Point this to "localhost: 8500"

Tener that he because topico Jed ingn' a A c (5) Edit root componenties within Navbar app * Edit root-config.js within Container app > add a call to > Include code to show navigation markup using register Application () api Bootstrap classes (Navbar) register Application ({ name: "@dell/navbar", → Install @ reach/router

for routing functionality app: () => System.import ("@dell) in npm install @ reach/ active When: () => true, containes off. custom Props: { * create an a new MF App dom Element: document. get Element By Id ("mf-header") for Home - in React 3); * Follow the same steps that we followed for Navbar app

* Create a new Angular MF * Ensure that the Home app runs on localhost: 8600 App for Users * Register this app to -> ng new users -- routing the route is "/" * como -- prefix users -> Navigate to users folder * Render the app in the eave : single applicated div having an id "mf-content" > Execute ng add single-spa-angular * Edit root componentijs within Home app → Update package.json, replace → Include code to port 4200 to 8700 display content using Bootstrap Jumbotron npm install class. The person E WEEKS -> start the app A A A L C COMPONENT mpm run serve: single-spa: users

soute * Add users component ¿path: ", component: Users ng g c users

--skipTests true Component ¿path: ':id', component: Use & Detail Component * Add user-detail component { path: '**, eomponent:

Empty Route Component ng q c user-detail

--skipTests true

* Edit app. component. html, remove all markup, add (router-outlet) directive * Start users app * Edit App Module, add npm vun serve: single-spa: users Empty Route Component to 'declarations' array A Mayigate to Least 1- UAS the source is "/" * Container App changes * Edit App Routing Module - Edit index. ejs > Add "Odell/users" to key > Add APP_BASE_HREF to to organization import providers array Map. Point it to Mocalhost: 8700/mainijs -> Add routes to "users' route

0		(12)	
	-> Add zone.js script tag		0.1
	170 F	* Get Users Funct	ionality
	(script src="https://unpkg.com/	- Users app	
	zone.js">		user model
		- Create an	oex to show
- Edit root-config.js		email-string	
	-> Register users app using	tirstName	- string
	register Application () api.	second Nar	me-string
	The state of the s	avatar - st	tring
	name: "Odell/users"	avatar - st	
	app: () => System. import	- Create user	service
	("Odell/users")	- Pass Lases Ld	on their promittee
	active When:	ng g s service	es/user
- V	(location) => {	havigate to	pTests true
return location.pathname.		ne .	
	starts With ("/users");	- Methods	
	•	1. aetusexc()	· Observable Cuser
	custom Props: { dom Element: document.	2. getUser (id	: number) : Model
	dom Element: document.	Obse	rvable < User Model>
	getElementById ("mf-conten	4.) Were Detail from	tierality
(3)	3	(11)	

(14 * User Detail functionality - Service methods should issue HTTP get request - Users Component to following REST API - Ensure that every row of https://reques.in/api/users user has a link to navigate to User Detail - App Module component. Use 'vouter Link' directive to achieve this - Pass user Id as URL parameter - Add HttpClient Module reference to 'imports' - User Detail Component array. - Read Id from the Url - call User Service . get User () - Users component method. Pass user Id as - Update html to show parameter to the method users data in a table - Update html code to show - Update component code user details. to call User Service get Users() X Get against transling the method.