Section	Knowledge	Intern	Hưng
Patterns (all)	Khởi tạo, kết hợp và giao tiếp giữa các đối tượng	x	
	Lưu và lấy dữ liệu tại local/server	x	
	Hiển thị dữ liệu	x	
	Sync dữ liệu giữa các device	x	
	Chia sẻ dữ liệu giữa các người dùng	x	
Javascript (web)	Variable Declaration: let/var/const	x	x
	Async/await/promise/callback	x	x
	Scope	x	x
	Destructuring assignment	x	x
	JQuery Basic		
	Form (upload file, image)		
	JavaScript Errors – Throw and Try to Catch	x	x
	JavaScript HTML DOM (access elements in web)	x	x
	JS Browser (window, screen, location, History, Navigator, …)	x	x
	Web push		
	JavaScript Regular Expressions	x	Tìm hiểu
Reactjs (web)	Functional Component Lifecycle	x	x
	React Router + Nextjs Routing	x	x
	Passing data through props	x	x
	Redux (concept, set/fetch data to/from store)	x	x
	Redux middleware (thunk, saga)	x	Tìm hiểu saga
	React hook	x	x
	Redux debug		
	Immutability		
	Client/server-side rendering		
	Typescript syntax	x	
Nodejs (web)	Files architecture (code splitting)		
	gulp		
	How to Debug API	x	
	Express	x	
	Upload file	x	
	Cron, queue	x	
Database (all)	Mongo (CRUD)	x	
	ElasticSearch		
	MySQL		
Devops (all)	Nginx	khuyến khích	
	SSL Certificates		
	PM2	khuyến khích	
	Linux file permission		
	Docker basic (up/down/access container)		
	Domain configuration		
	Setup email server		
	Shell scripts		
	Vim		
	Cấu hình firewall		
Gcloud	Datastore	x	
	Cloud Storage		

Category	Topic		
(all)	Big Query		
	Computed Engine	khuyến khích	
HTML/CSS (web)	Semantic Elements		
	Flex box	x	
	Kỹ thuật dàn trang	x	
	Css selectors	x	
	SCSS	x	
	Animation		
Google Chrome (web)	Create extension		
	Dev tools basic		
	Dev tools advanced (performance, profiler…)		
Python (web)	Basic		
	Virtual Environment		
	Django		
Git (all)	Solo commands: init, clone, commit, pull/push, tạo/xóa/chuyển branch, stash	x	
	Team commands: Merge, rebase		
	Xử lý vấn đề: conflict, staging area, cached		
	Git flow: branch của task => dev => master	x	
	Tạo ssh public/private key	x	
Clean Code (all)	Naming(biến, function, component)	x	
	Folder structure		
Flutter (app)	Variable Declaration: (dynamic, var, int, String, double, …)		
	Layouts (Row, Column, ListView, Container, Styles, …)		
	Provider, (GetX, Bloc, ..)		
	State management (initState, setState, StatelessWidget, StatefulWidget, …)		
	Async in Dart, Flutter (Future, StreamController, Stream, StreamBuilder, …)		
Test (all)	Unit test	x	
	Integration test		
	Automation test		
Other (all)	Understand CORS problem		
	Design Patterns (authentication, singleton)		
	ABC total system (web/app/server/api/data location…)		
	Hiểu biết về sản phẩm		
Java (app)	- Variable Declaration - Scope - Methods - Recursion - OOP	x	
Swift (app)	- Variable Declaration - Functions and Closures - Objects and Classes - Enumerations and Structures - Protocols and Extensions - OOP	x	
ReactNative	Functional Component Lifecycle		
	React Navigation		
	Passing data through props		
	React hook		
	Redux middleware (thunk, saga)		

	Redux (concept, set/fetch data to/from store)		
	Redux debug		
	Immutability		
	Typescript syntax		