BEGINNERS COURSE OUTLINE

We will have two classes, total of 5 hours each week for 8 months.
Books:
HTML & CSS: HTML and CSS by Jon Duckett
Javascript: A Smarter Way to Learn Javascript
React: The Road To Learn React

Weekend Week	Topic	Learning Material
	MODULE 1	HTML, CSS & JS
1	HTML Structure and Text, Lists, Links.	Chapters 1, 2, & 3
2	Images, Tables, Forms	Chapters 4, 5 & 6
		2 Assignments & HTML Quiz 1
3	Introducing CSS, Color and Text, Boxes	Chapter 10, 11, 12 & 13
4	Lists, Tables, & Forms	Chapter 14
		1 Assignment & 1 Full Static Website & CSS Quiz 1
5	Alerts, Variables, Expressions, Concatenating text strings and Prompts	Chapters 1 – 9
6	If statements, Arrays, For loops	Chapters 10 – 20
		2 Assignments & JavaScript Quiz 1
7	Strings	Chapters 21 – 25
	Numbers	Chapters 26 – 30
	Data and time	Chapters 31 – 34
8	Functions	Chapters 35 – 38
	Switch, while and do while statements	Chapters 39 – 42
		2 Assignments & JavaScript Quiz 2
9	Placing scripts and commenting, Events	Chapters 43 - 48
10	Fields, images, text, Styles and element selection	Chapters 49 – 57
		2 Assignments & JavaScript Quiz 3
11	The DOM dynamic access	Chapters 58 – 68
12	Objects, Forms, Exceptions	Chapters 69 – 88
		2 Assignments & JavaScript Quiz 4
	MODULE 2	ES6 & FIREBASE
13, 14	JavaScript Promises / Async Await	https://developers.google.com/web/fundamentals/primers/promises https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Promise
15	Template literals, Arrow Functions, Default parameters	https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Template_literals https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Functions/Arrow_functions

		https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Functions/Default_parameters
16	Front end networking	https://developer.mozilla.org/en-US/docs/Web/API/Fetch_API/Using_Fetch https://developers.google.com/web/updates/2015/03/introduction-to-fetch https://davidwalsh.name/fetch https://jakearchibald.com/2015/thats-so-fetch/ https://developer.mozilla.org/en-US/docs/Web/HTTP/CORS
		2 Assignments & JavaScript Quiz 4
17	Responsive Web Design Flexbox Using media queries	https://developers.google.com/web/fundamentals/design-and-ux/responsive/ https://css-tricks.com/snippets/css/a-guide-to-flexbox/ https://developer.mozilla.org/en-US/docs/Web/CSS/Media_Queries/Using_media_queries
		1 Assignment
18, 19	Firebase (Firestore) Authentication Database Queries	
20		HACKATHON
	MODULE 3	REACT & REACT NATIVE
21	Intro to React	Ch 1
22	Basics	Ch 2
		2 Assignments & React Quiz 1
23	Getting Real with API	Ch 3
24	Advance React/Google Map Api	Ch 5
		2 Assignments & React Quiz 2
25, 26	Redux	
		1 Assignment & React Quiz 3
27	Routing	
28	React Native Expo	
29	React Native Components	React Native View React Native Webview React Native Model React Native Picker React Native Status Bar React Native Switch React Native Text React Native Alert React Native Geolocation ...
30	React Native Apis	
31	React Native Navigation	
		4 Assignments
32	**FINAL APPLICATION WEB + MOBILE APP**	