

HEALTH CLUB

IIHT

Time To Complete: 10 to 12 hr

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1 PROBLEM STATEMENT

Health Club is SPA (Single Page Application) for placing a request for appointment with personal physical trainer, manage appointments and dropping a query

The core modules of Health Club app are:

1. Welcome Page
2. Apply for an appointment
3. View Appointment
4. Query

2 PROPOSED HEALTH CLUB WIREFRAME

UI needs improvisation and modification as per given use case and to make test cases passed.

2.1 WELCOME PAGE

Logo					
	Home	View Appointments	Place Appointment	Contact Us	
Introduction Text (any)					
	Useful Links			Contact	
	Home			Company address	
	View Appointments			Company email	
	Place Appointment			Company phone	
	Contact Us			Company fax	
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2.2 VIEW APPOINTMENTS

Logo									
	Home	View Appointments	Place Appointment	Contact Us					
<u>S.No.</u>	Name	Phone	email	Age	Complete Address	Trainer Preference	Physio Required	Package	Total Amount
		Useful Links				Contact			
		Home				Company address			
		View Appointments				Company email			
		Place Appointment				Company phone			
		Contact Us				Company fax			
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2.3 PLACE APPOINTMENT

Logo	Home View Appointments Place Appointment Contact Us				
Name				Age	
Email				Mobile No.	
Address Line 1					
Address Line 2					
City				State	
Country				Pin Code	
Trainer Preference					
O Male Trainer		O Female Trainer		O No Preference	
Do you need Physiotherapist					
O Yes	O No				
Select a package					
O One time appointment (Rs. 500/-)					
O 4 sessions per week (Rs. 400/- per session)					
O 5 sessions per week (Rs. 300/- per session)					
Weeks	2				
Amount(Rs)					
				Submit	
			Useful Links		
			Home		
			View Appointments		
			Place Appointment		
			Contact		
			Company address		
			Company email		
			Company phone		
			Company fax		
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2.4 QUERY

Logo				
	Home	View Appointments	Place Appointment	Contact Us
	Drop us a message			
	Your Name *	Your Message *		
	Your Email *			
	Your Phone *			
		Send		
	Useful Links			Contact
	Home			Company address
	View Appointments			Company email
	Place Appointment			Company phone
	Contact Us			Company fax
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3 BUSINESS-REQUIREMENT:

As an application developer, develop the Health Club App (Single Page App) with below guidelines:

User Story #	User Story Name	User Story
US_01	Welcome Page	<p>As a user I should be able to visit the welcome page as default page.</p> <p>Acceptance criteria:</p> <ol style="list-style-type: none">1. User can click any button given in the menu bar.
US_02	Post Appointment	<p>As a user I should be able to post an appointment</p> <p>Acceptance criteria:</p> <ol style="list-style-type: none">1. As a user I should be able to furnish following details at the time of placing an appointment<ol style="list-style-type: none">1.1 Name1.2 Age1.3 Email1.4 Mobile No1.5 Address Line 11.6 Address Line 21.7 City1.8 State1.9 Country1.10 Pin Code1.11 Trainer Preference1.12 Physiotherapist requirement (Yes or No)1.13 Select a package1.14 Weeks1.15 Amount2. Weeks number type input box should be visible when 2nd or 3rd package option is selected.3. If physiotherapist is required add additional 200/- in final amount4. Amount should be disabled and should be calculated automatically based on the selected package.2. All details fields must be mandatory.3. Address line 2 may contain the same address as address line 1.4. Email& Mobile must be unique.5. If any constraint is not satisfied, a validation message must be shown.6. A success or failure message should be visible after the submit button is clicked.
US_03	Manage Appointment	<ol style="list-style-type: none">1. As a user I should be able to view all appointment requests, and after selecting any appointment

		Acceptance criteria: 1. Message should be visible if no appointment is available to show.
US_04	Query	As a user I should be able to post a feedback/query/message Acceptance criteria: 1. As a user I should be able to furnish following details at the time of filling contact us form <ol style="list-style-type: none"> Name Email Phone Message 2. Message should not go beyond 200 characters. 3. All four fields must be mandatory. 4. A success or failure message should be visible after the submit button is clicked.

4 CONSTRAINTS

1. On the page load, input focus must come to the first name input field.
2. You should be able to press the "TAB" key and "SHIFT + TAB" to navigate from top field to bottom field and vice-versa.
3. On click of "Submit" button, appointment details must be saved via fake-rest API in health-club.json.
4. Fake rest api is implemented with json-server.

Example JSON for reference of fields to be used for placing appointment:

```
{
  "firstname": "test",
  "lastname": "test",
  "age": 24,
  "phonenummer": 9988776655,
  "email": "test@test.com",
  "streetaddress": "test",
  "city": "test",
```



```
"state": "test",  
"country": "india",  
"pincode": 560058,  
"trainerpreference": "Male Trainer",  
"physiotherapist": "Yes",  
"packages": "500",  
"inr": 1000,  
"paisa": 10,  
"id": 1  
}
```

5 MANDATORY ASSESSMENT GUIDELINES

1. All actions like build, compile, running application, running test cases will be through Command Terminal.
2. To open the command terminal the test takers, need to go to Application menu (Three horizontal lines at left top) -> Terminal ->New Terminal.
3. This editor Auto Saves the code.
4. If you want to exit(logout) and continue the coding later anytime (using Save & Exit option on Assessment Landing Page) then you need to use CTRL+Shift+B-command compulsorily on code IDE. This will push or save the updated contents in the internal git/repository. Else the code will not be available in next login.
5. These are time bound assessments the timer would stop if you logout and while logging in back using the same credentials the timer would resume from the same time it was stopped from the previous logout.
6. To test any Restful application, the last option on the left panel of IDE, you can find ThunderClient, which is the lightweight equivalent of POSTMAN.
7. This is a web-based application, to run the application on a browser, use the

internal browser in the workspace. Click on the second last option on the left panel of IDE, you can find Browser Preview, where you can launch the application.

Note: The application will not run in the local browser

8. You can follow series of command to setup Angular environment once you are in your project-name folder:
 - a. `npm install` -> Will install all dependencies -> takes 10 to 15 min
 - b. `npm run start` -> To compile and deploy the project in browser. You can press <Ctrl> key while clicking on localhost:4200 to open project in browser -> takes 2 to 3 min
 - c. `npm run json-server` -> to deploy fake rest api created with json-server -> takes 10 to 15 seconds
 - d. `npm run jest` -> to run all test cases. **It is mandatory to run this command before submission of workspace** -> takes 5 to 6 min
9. You may also run “`npm run jest`” while developing the solution to re-factor the code to pass the test-cases.
10. Once you are done with development and ready with submission, you may navigate to the previous tab and submit the workspace. It is mandatory to click on **“Submit Assessment”** after you are done with code.
11. You need to use CTRL+Shift+B - command compulsorily on code IDE, before final submission as well. This will push or save the updated contents in the internal git/repository, and will be used to evaluate the code quality.