

DRF January-April Internship Task

Please find the form on the attached image.

In the screenshot (image link if picture looks blurry: <https://prnt.sc/wkc19w>) below there is a form, for which we need apis and a required backend needs to be created from starting/beginning/scratch (no frontend).

Select Start Date and Shift Times
each row represents a shift

Select Start Date _____

Select Repeat Type Repeats ▼

Select Shift Shifts ▼

Select Start Time 00:00 _____

Select End Time 00:00 _____

Please select the day of the week

MON	TUE	WED	THU	FRI	SAT	SUN
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

☐ **Weekdays Only**

ADD +

In this form, the hospital can fill up the job and shift details the job candidates may need to work on.

In this form client who creating the shifts can fill following “parameters”:-

1. start_date (Shift's start date)
2. arrival_time (Start time on shift, ie from start to end time a shift time will be)
3. departure_time
4. repeat (Repetition / frequency)
5. shift_availability
6. Weekdays (Multiple values can be selected):- 0 (Sunday),1,2,3,4,5,6 (0 to 6 are just for example)
7. client (from request.user)

There are two selection fields on form, here are its required options and their values:-

- Repeats Selection Values:-
 1. None (value=None)
 2. Daily (value=Daily)
 3. Weekly (value=Weekly)
- Shift option will have only one option to select:-
 1. Morning Shift - 5am to 9am (value="Morning Shift - 5am to 9am")

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These are class based apis using generic views with deliverables (Which all that are applied to this particular task) as follows:-

1. API ENDPOINT1:- There will be a jwt based login api with Email and passwords, from which you will provide us jwt token for next steps
 - a. Please use AbstractUser / AbstractBaseUser
 - b. User will have only one role and as:
 - i. Client (models.Model)
2. API ENDPOINT2:- Design API for this form mentioned above (Only for logged in users)
 - a. Please take care to Apply all the required informative validations you may put on each of the fields of form (All fields are mandatory can be, one of them).
3. API ENDPOINT3:- API endpoint for getting shift list with all the required details (including client's email address, who posted the shift) posted until now on the system (Only for logged in users)
4. Make NGROK Link and Push code to a public code repo and provide us both links