<p style="text-align:center; color:red">Schedoc – Schedule an appointment with Doctor</p>

In view of current pandemic situations, frontline workers, especially, domain specialists want to automate their appointments. As a part of OOP project, students need to develop an application (mobile/web/standalone) to aid specialists to view, and patients to schedule appointments.

Below-mentioned are the mandatory modules in Schedoc application:

1. **Login/Sign-up**

   There will be two types of users for this application; **Specialist**, who can update their availability and view the appointments, and **Patient**, who can schedule an appointment in the available slot. Each user must create an account via social media pages (like Facebook, Instagram, etc.) and/or java login page created by a developer. Name, phone number, e-mail id, and community (specialist or patient) are mandatory fields in login page. OTP system may also be incorporated in the login page. Developer is free to add more number of fields based on the community of the user. A user can belong to both the categories as well. Ground level functionalities of login page like view, edit, delete, update and others need to be maintained periodically.

2. **Creating Dashboards**

   Once after successful login by user, different dashboards need to be maintained for patients and specialists. If the user is specialist, then he/she can update the profile and availability. Consider specialists from different domains like cardiology, pulmonology, ophthalmology, and others from different hospitals. If the user is a patient, then he/she can view the profiles of all the specialists who registered in Schedoc application, and can schedule an appointment in free slot. Each slot can be of 15 minutes. Patient must briefly specify the reason for taking an appointment. Once the slot is booked, then it should be reflected in specialist's dashboard and must be in red color for remaining patients. So that there would not be any conflicts in appointment. If the patient begins the appointment process but not confirmed, then that slot will be in yellow color. User can have an option to cancel or reschedule the slot (based upon availability) as well.

Important Note:

- Students to work in groups. A group may consist of 2-4 students only. Larger groups will not be allowed. You can form your own groups. The evaluation will be done for the group and all the members will get the same score. It will be up to the members to have fair share of contribution for the successful implementation/development of the project. Arguments or feedback on individual member's contribution will not be entertained. If someone is not giving valuable contribution, then it depends upon other members to decide how to engage with the non-performing member. IC will not indulge.

- You are free to design the GUI for the above project as per your creativity. Appropriate links should be provided to transit from one option to another. Difference in GUI need to be maintained for different users. Feel free to make your assumptions in order to make the implementation better. Not everything can be mentioned in the description.

- Above mentioned basic functionalities are mandatory for mini-project evaluation. Each of the mandatory functionality carries 20 marks. Students are free to add more innovative functionalities which helps in enhancement of the problem statement, and it carries 10 marks. Hence, if any group has implemented the mandatory functionalities will be evaluated from 40 marks.

- You are not expected to develop from scratch. You can feel free to make use of available APIs or packages etc. The idea is to expose you to project experience. High use of modern advanced technology, platform, paradigm will definitely attract high grades. For each of the functionalities a good GUI carries 5 marks, so 10 marks for 2 mandatory modules. Correct implementation and usage of high end technology, platform, paradigm carries 10 marks.

- So tentatively total marks will be 60, which can be scaled up or down, as required to suit the weightage of this evaluation component.

- The marking will purely depend upon the evaluators good sense of judgement and their evaluation will be final. Any arguments in this regard will either be entertained or will attract negative marking as per IC's discretion. A working software is expected, if your code will not execute then it will not be evaluated and some default mark will be awarded. In case of unethical practices, if observed, or brought to my notice, then without any discussion (as cannot engage in forensic investigations nor act as a moral police) all the groups involved will be awarded 0 marks.

- **Project Evaluation will be on 19.07.2021 and 20.07.2021**. No extension will be provided. The detail schedule will be shared at the appropriate time.

- Do a good work so that you will be able to reflect in your resume and feel proud of your efforts.

Best Wishes