Group Organization Plan

(Group 16A – Nikola, Ethan, Callum, Kristian and Tare)

In the first sprint, **Ethan** initiated the project by developing the Patients database with ease-of-life methods for the other files to refer to. He also took responsibility for the Registration page's functionality and checks using RegistrationFunc and RegistrationCheck, respectively. In sprint 2, Ethan successfully created the MenuPage, which links all the available GUIs after the login stage as well as effectively showing all messages the user experiences throughout the system and assisted Kristian in developing the ViewBookingsPage by independently handling the functionality. He also tackled the ability to reschedule bookings during that sprint. Ethan created the Bookings database as well and updated the previous ease of life functions, as well as finished the rest of the Database Design Document. For sprint 3, he was able to create the entirety of PastBookingPage, as well as solve numerous bugs throughout the code. Ethan checked that the entirety of the program was successfully connected together, ensuring no errors will occur. He also added multiple comments on several pages, allowing for easy diagnostics of issues experienced later on. Crucially, Ethan directed the video, creating scripts, doing multiple voiceovers and merging the individual videos as well as other edits.

**Nikola** demonstrated his proficiency in GUI design by creating the LoginPage and the GeneralPage GUIs in the first sprint, along with the appropriate functionality (LoginFunc) and check (LoginCheck) files. He also expanded RegistrationCheck while ensuring that all pages remained coherent and consistent in terms of font, font size, colour theme, etc. In sprint 2, Nikola took on the challenging task of arranging bookings, including BookingPage, BookingFunc, and BookingCheck. He also worked on the entire ChangeDoctor functionality, which comprised the ChangeDoctorPage, ChangeDoctorFunc, ChangeDoctorCheck, and ChangeDoctorDB. He voluntarily refactored the code to include the Info package and wrote half of the Database Design Document and the entirety of Quality Assurance Document. During sprint 3, Nikola implemented the authorisation functionality which involved multiple edits to every file, as well as thoroughly doing code quality control for every file. He also assisted Ethan in doing voiceovers and demonstrating the functionality in the video.

**Callum** served as the group's tester for all sprints, creating eight different test files in the Test package in the git repository. He utilized both JUnit tests and Mockito to ensure that the Sinterface did not break in any corner cases. Callum also authored the three test specification documents, detailing the different tests he performed and justifying his decisions.

**Kristian** created the registration UI in sprint 1, with Ethan's help implementing its functionality. He took on the task of coding the ViewBookingsPage in sprint 2, which was a crucial component of the functionality the team needed to implement. For sprint 3, he attempted to create view all doctors but had issues with his database.

**Tare** contributed meaningfully during sprint 2 by creating the DoctorsDetailsPage, although he was unable to get it to work. He regularly attended the Software Development seminars, which were our primary meeting events.