Project Status Report 2

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This is a Hospital Appointment Booking System, designed with care in Python and Tkinter. It is intended to assist hospital staff and patients alike in booking, viewing, and canceling appointments efficiently. Upon opening the application, users are greeted with a welcoming screen that directs them to a main menu with three distinct options: "Book Appointment," "View Appointments," and "Cancel Appointment." Each option directs users to a new screen, where they can interact with the system in a straightforward manner.

The booking form allows the user to enter their name, select a doctor, and select a time slot. It includes some basic input validation to prevent any fields from being left blank. The View Appointments page displays all appointments booked, and the Cancel Appointment section allows the user to select an appointment to remove. Window-to-window navigation is smooth, and all buttons are associated with callback functions that control the flow of the app.

There are a few significant features that are not finished. Users have to manually input the date and time, which is error-prone. A calendar widget and time slot dropdown are to be added to improve this. Data is also not stored after the program is closed, so appointments are lost when the app is reopened. This will be resolved through the use of file storage. Searching for doctors, email notifications, and an admin panel for employees are also features that could be added.

Overall, the app works for basic appointment tasks but is still in beta. The highest priority now is to polish usability and add missing features to make it more solid and easier to use. Although it works, it is somewhat incomplete to present a work-in-progress project that demonstrates important concepts but also leaves some room for improvement.  
  
<https://github.com/BrutalxVendetta/Final_project#>