Mentcare patient record system

Overview:

The primary goal of this system is a shared point of access to view ,create and update medical records of mental healthcare patients.This functionality would need to be possible for both on site locations such as clinics, or off-site devices such as laptops.

Software development approach: SAAS Software as a service/Cots/ Proprietary

The most appropriate development approach would be using a Software as a service. This allows for a shared point of access across multiple clinics at different locations, as well as the capacity for users of the system to work offline on their personal device and update records to the system when they are logged back into the system.

There are many elements of the system however that cannot be addressed solely by a SaaS, for example , patients who are deemed to be suicidal or a danger to others mean that the Mentcare system also has Safety critical elements to it. There is also the critical system requirement of patient privacy. Patient records should only allowed to be viewed by authorised medical staff and patients themselves. For the above requirements , Proprietary software could be a more suitable option safeguarding both high-risk patients as well as ensuring the security of patient medical records.