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APPS: THE FUTURE OF CONSOLIDATED INFORMATION FOR MEDICAL STAFF AND THOSE IN MEDICAL TRAINING?

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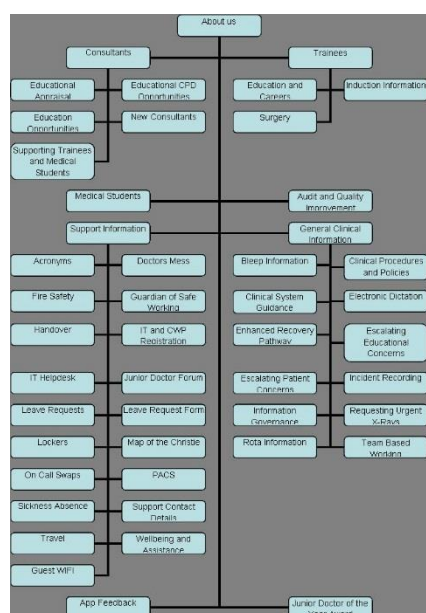
Introduction

Medical Education is an ever evolving, multi-faceted area for both clinicians and administrators. The Christie NHS FT has trainees from FY2-ST8 and is in a relatively unique position within the North West due to the fact that none of the trainees who rotate through the Trust are employees of the Trust. This brings a challenge: how do you induct a new group of junior doctors to the Trust every 4 months and be sure that they have all the crucial information they will need to be confident and competent in their new training post?

Between August 15 and August 16 trainees were asked if they received all of the information that they needed to start, on average 31% said no. The Medical Education team made the decision that having 1/3 of the new junior doctor workforce not feeling fully prepared was unacceptable. According to PUL.com, 29th Sept 14, the average open rate of notifications is 90% vs 23% of email messages; with this in mind it was decided to develop a medical education app.

Methods

A comprehensive map of all information needed for medical staff was established and split into key areas:



Using an online app development tool called AppInstitute, a fully functional, free app has been developed encompassing all of this information - The Christie EduKit. EduKit is available for all Android and Apple devices. It is an offline app, meaning that once it has been downloaded the user does not need to be connected to WIFI or data, all information will be accessible at all times. This is crucial for accessing information in the clinical environment. It also has a messaging function which pushes notifications to users.

Results/Conclusions:

EduKit went live in April 2017 for testing with trainees, full roll out will be in August 2017 in conjunction with the junior doctor changeover. Of the current cohort of junior doctors 39% are active users (10th June 2017). From August the medical education team will not circulate any paperwork prior to changeover and at the start of student placements, instead a link will be sent to download EduKit alongside signposting to the essential sections.

EduKit currently contains 57 additional pieces of documentation; this is in addition to the written content on the app. This information is delivered in a clear and concise way and is available at the touch of a button. The resources associated with the high volume of inductions for trainees and medical students are vastly reduced using the app in terms of both time and cost to the medical education team. Following in-depth feedback and review in August 2017

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the app is planned to be rolled out to all medical staff and the possibility of using it with other staff and trainee groups within the Trust will be considered.