Development of eLogbook for PG Students as per NMC Guideline

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Background:

E-logbook is a valuable tool for postgraduate medical students as per the guidelines from the National Medical Commission (NMC) in India.

It has been made mandatory for Postgraduate students to do weekly entry and teachers need to verify every monthly.
This will has multiple advantage like

1. **Documentation of Clinical Experience**: It helps students systematically record their clinical cases, procedures, and experiences during their training, ensuring comprehensive documentation of their learning.
2. **Competency Assessment**: The elogbook serves as a means for faculty to assess the competencies of students in various clinical skills and procedures, aligning with NMC requirements for skill acquisition. Thus help in Professional development
3. **Reflective Learning**: Students can reflect on their experiences, enhancing their critical thinking and clinical reasoning abilities, which are essential for their development as practitioners.
4. **Feedback Mechanism**: It allows for continuous feedback from mentors and supervisors, facilitating improvement and growth throughout the training period.

Till date logbook was in hard copy
So, there was a need to have online system for recording of all activity
Thus, innovation was done at our institute

Objectives

With aim to create online platform which can be generalized for all branch and can be commonly used by teachers and students, meeting all NMC Requirement. Keeping in mind following objectives:
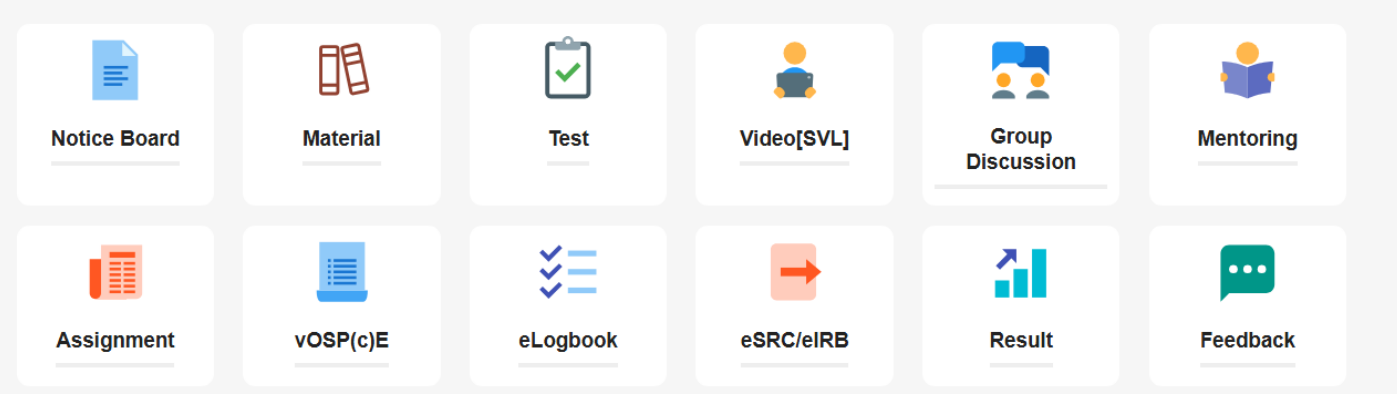
1. Competency Based logbook
2. Uniformity in logbook across all discipline of institute so that implementation is easy
3. Student as well as teacher should be able to use it on all platform i.e laptop, desktop, tablet, mobile
4. Option of daily/ weekly /monthly activity recording
5. Option to add supportive document and write reflection (to develop e-portfolio)
6. Mistake done if any can be edited before assessment by faculty
7. Faculty should be able to assess as per NMC Guidelines and can give remark if any
8. In future same can be used for UG/ Intern
9. If needed same can be recorded in hardcopy with certificate
10. There should be summary based on skill observed/ assisted/done under supervision /perform independently
11. Should have facility of Course ending assessment as per NMC
12. Pocket Friendly System

Methodology

Steps

1. Brainstorming on elogbook guideline of NMC
2. Discussion with other faculty and MEU Members
3. Discussion with developer and based on the study of different PG Curriculum released by NMC
4. Creation elogbook was created as per the NMC Guideline.
5. Added to our Learning Management System which can be used on phone, tablet as well as desktop. (https://egmcb.in/)

Result

To View Video and PDF regarding LMS & elogbook Scan QR Code

Conclusion

This is used by 9 College. Use of technology will help us to easily maintain our logbook in digital mode. We are able to track activity of our PG students and it also serve as e-Portfolio.