

INTISARI

Kolaborasi antara peneliti dari kalangan akademisi dan mitra dari kalangan industri dapat mendorong kemajuan ilmu pengetahuan dan teknologi, apalagi ketika dikelola dengan baik. Akan tetapi, proses kolaborasi kerap mengalami kendala karena belum ada sistem yang menunjang. *Engineering Research and Innovation Center* (ERIC) sebagai pusat riset unggulan di Fakultas Teknik Universitas Gadjah Mada memerlukan sistem yang mampu menunjang proses kolaborasi, diantaranya menemukan *partner* kolaborasi yang sesuai dan mendokumentasikan kegiatan-kegiatan yang dijalankan selama kolaborasi dilakukan.

Meetry adalah sistem informasi pengelolaan kemitraan yang dapat menunjang proses tersebut. Meetry memfasilitasi tiga hal utama bagi pengelola *Engineering Research and Innovation Center* (ERIC) untuk menunjang proses kolaborasi yaitu membantu peneliti atau mitra mencari *partner* kolaborasi sesuai dengan *requirements* yang dicari, melihat informasi lengkap kolaborasi, dan mengelola kolaborasi yang sedang berjalan seperti menugaskan peneliti, mitra, dan *account officer* ke suatu kolaborasi, mengaktifkan proyek, menutup atau membatalkan proyek, membuat *subfolder*, menambahkan *logbook*, dan menambahkan komentar pada *logbook*. Sistem ini dikembangkan bersama dengan tim *Capstone* dengan metode *Rapid Application Development* (RAD). Saat ini, sistem sudah bisa diakses melalui tautan <https://meetry-frontend.vercel.app>.

Sistem yang telah selesai diuji menggunakan beberapa pendekatan, yaitu *performance testing* menggunakan Lighthouse, *functional testing* dengan metode UAT (*user-acceptance testing*) dengan jenis *blackbox testing*, dan *usability testing* menggunakan metode SUS (*system usability scale*). Harapannya sistem ini dapat membantu pengelola ERIC dalam menemukan *partner* yang cocok untuk mitra dan peneliti dan mendokumentasikan kegiatan-kegiatan yang dilaksanakan selama proyek berlangsung dalam bentuk *logbook*.

Kata kunci: *Engineering Research and Innovation Center*, Sistem Informasi Pengelolaan Kemitraan, Sistem Informasi, *Logbook*

ABSTRACT

Collaborations between scientist from the academics and partners from industries can encourage science and technology improvement, especially if it's managed well. However, collaboration process often run into obstacles since there is no capable system to support the collaboration. Engineering Research and Innovation Center as the primary research center in Universitas Gadjah Mada needs a system to support the collaboration process, such as to find the right partner and to document tasks during the collaboration.

Meetry is an information system that can support that process. Meetry facilitates three main aspects for Engineering Research and Innovation Center to support the collaboration process such as help scientist and partner to find the right and proper partners based on their requirements, view detailed information about specific collaboration, manage ongoing collaborations such as assign scientists, partners, and an account officer to a collaboration, activate collaboration, close or cancel collaboration, create subfolder, create logbook, and add comments on logbook. System will be developed by Capstone team using Rapid Application Development method. System can be accessed through <https://meetry-frontend.vercel.app>.

System that has been developed will be tested using three kinds of testing, such as performance testing using Lighthouse, performance testing using UAT (user-acceptance testing) method with black-box testing type, and usability testing using SUS (system usability scale) method. This system is expected to help ERIC administrator to find the right partner for scientist and partner and document task as logbooks during the collaboration process.

Keywords: Engineering Research and Innovation Center, Partnership Management Information System, Information System, Logbook