TKMCE ALUMNI NETWORK DIGITISATION INITIATIVE

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# Project goals:

* Short term:
  + Increase internship offers at Tier 1 employers for CSE S6 students
  + Increase placement offers at Tier 1 employers for CSE final year students
* Long term:
  + Internship and placement opportunities for TKMCE students on par with that available at IITs through leveraging strength of the alumni network

# Project sponsor:

* Dept of CSE, TKMCE

# Project vision:

* Achieve project objectives by strengthening the alumni – institute relationship through frequent, fluid interactions enabled through a digital collaboration platform

# Digital collaboration platform product requirements:

1. Interactive collaboration and communication platform should connect
   * Students
   * Faculty
   * Alumni
   * Industry
2. Key pieces of functionality covered under separate modules as below:
   1. Admin module
      1. Ability for admins to configure permissions for users etc
   2. Quora like Q&A / discussion forum module
      1. Threaded according to topics
      2. Ability to tag topics into subject areas
      3. Subscribe for updates on a topic, question
      4. Follow a user
   3. Career advice and opportunities module
      1. Internship & placement FAQs/information categorised according to employers
      2. Ability for industry representatives and alumni to post information and openings directly
      3. Interviewing tips
      4. Resume review assistance
      5. Mentoring
   4. Comms and events module
      1. Events calendar driven feed for institute and relevant industry events
      2. Alumni newsletters & call for help

# Digital collaboration platform operational requirements:

* Hosting platform
  + Hardware & software (see make/buy decision in next section)
* Operational support
  + End user support, identify new requirements from end users and prioritise for implementation
* Content planning & creation
  + Plan and source content for alumni newsletters, institute and industry event feeds etc
* Personal profile data population, GDPR compliance, meeting privacy requirements etc

# Decisions required for next steps:

* Make, buy/license from commercial vendors, collaborate with other institutes who already have an operational platform?
  + Make – Things to consider
    - Open source solution availability, use of TKMCE students to develop from scratch and operate, continuity of operations and capability for enhancements if using students who leave at the end of the course
  + Buy/license from commercial vendors – Things to consider
    - <https://www.fourthambit.com> seems a popular vendor used by many Tier 2 (and some Tier 1 including IIMB) vendors
      * Examples: <https://cetaa.fourthambit.com/updates> , <https://iimbaa.org>
    - Licensing/annual subscription costs
    - Customisation & maintenance costs
* Consider the operational requirements and figure out how the institute would meet this
  + Hosting & hardware requirements (Third party vendors may offer SaaS options)
  + Operational support staffing – CSE dept or Alumni office?
  + Content planning – Coordination with content creators, curation and approval of content