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Special Interest Group Platform (SIG)
Supporting our network of Geographically (and sometimes thematically) dispersed academics

CEEA - ACEG (Canadian Engineering Education Association)
Founded in 2009 (SIGS founded in 2018)

- Membership driven
  - Engineering eductars
  - Engineering practicioners
- Annual conference
- *Vission*: Leading Canadian engineerin education towards a stronger community and enhancing the profession's contibution to a better worlds
- Mission: Our mission is to connect and empower enigi
- Values: Integraty, innovation, inclusion and respect (Inclusion is important)

Since 2009 started, in 2013 there were a lot of papers and growth, 2018 had another peak, this year is increasing

SIG:
Becuase the are all intersting o support groups
Support the network of engineers from academics, teachers and artists

Anual meeting, come with new ideas or projects, share researches, respond members discussions. 25 members in an email list, they hace little members, small group, conttributing frequently, they need more.

Anual and monthly meetings. Inviting more people to join to be interested to these topics. Integration.

Tensions and questions:

- Making our work...

Science, Technology, Engineering, Arts, Maths (STEAM)
"Putting the A in the STEM feels to me like an afterthought"

Gecognizing tensions or challenges in instruction
"How we think things help our students may not need to be externally validated,"

Build and education platform?

Ideas:
Website.

- Other Eng Educators / researchers in Canada
- Students
- SIG members with a member page and individual login to maintain individual profiles
- Minimal as possible
- Each member is responsible of their own member page
- Member profiles
    - SIG members with a member page and individual login
- Neywork of researchers
    - Researchrabbit.ai example of researchers interconnection
    - Network & Location of researchers (GeoSocialVis)
- Website impact desired:
    - Data (Graph information)
    - Knowledge (Also graph information)
    - Wisdom (Vise free travel countries for example)
    - Think in different ways to REPRESENT DATA

Some how they have the data, but everything is disconnected.
Each event has papers

MVP, page for members, it can escalate
SIG members dont know their own SIGs.

Dynamic as possible
Easy to use and visualize without confussions
The design is very important, not so much the building (We will also build!)

Different media would be good, but they don't have actual materials.
What kind of material they are going to share?

- Papers mainly
- Consider another type of media
- Collaborations
- An about page of each author would be great

- They don't want to constraint the type of media
- Indicate content from events or conferences

They dont want to upload papers manually (Public/Private)

SIG members will have individual pages
We should manage actual members well

Administrator
SIG Members
Public users

User:
Saying
Thinking
Doing
Feeling

How? Why? What?

2024/1/12

- Books: the design of everyday things, scenario-focused engineering, living with complexity
- Feb 2nd meeting customer

2024/2/2

- **Customer meeting:**
- Special interest group
- Need a platform for teaching?
- CEEA ACEG
- Started in 2009
- They have annual conference online
- Special interest group started in 2018
- They are looking to link people with special interests
- Connect and empower engineering education stakeholders
- Integrity, innovation, inclusion and respect
- Inclusion is high priority
- Group definition: studies between humanities and engineering.
- Monthly or every couple of months meetings
- About 25 members on the emailing list with 10-15 active people
- 1 AGM
- Host events for the wider CEEA ACEG
- Looking for more people to join by hosting events
- (they are looking to grow the number of members)
- STEAM?
- Decolonization?
- Over 50 people participated
- STEAM – science, technology, engineering, arts, math
- A in stem is an afterthought? Not inclusive enough?
- Getting feedback from student about hat they want to learn
- Socialtechnical thinking – engineering is created through social interactions
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- Looking to expand to other engineering educators and researchers
- Easy for student to understand
- Free standing – low maintenance page
- Each member will be able to update their own page
- Bilingual site?
- Individual logins for each user
- Visual literacy?
- CV builder?
- Researchrabbit.ai
- Visual to select researchers or topics?
- Digestible information
- Provide high level information
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- How to make it easier to people to collaborate? Using research papers
- Bridge connections between researchers
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- Scalable platforms? Reusable?
- Only for the current SIG? Humanities and engineering
- People can be part of multiple SIGs
- Bridging SIGs?
- Dynamic / minimal effort to update information
- Maybe connect with google scholar? Or research gate?
- Design is the most important
- Other artifacts are important but maybe useful
- Expertise, interest, hobbies, other things that may have interests
- Recommendation and pulling data from links from the internet?
- Carry on a conversation from somewhere else?
- More for member interaction and looking for other people with similar interests
- Papers are uploaded by CEEA
- All the information is public
- Private is for SIG members who can login and update their information
- Admin needs to be able to disable/enable accounts
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- **Class notes:**
- Research paper discussion: 1 after 2000 and 1 before
- 5 mins per paper
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