Project Name: TechLab knowledge sharing and reporting platform upgrade
Project Period: 12/08/2019 to 04/11/2019
Sponsor(s) or Client: Jim Cook/Viji Venkataramani
Organisation: University of Sydney, TechLab
Project Supervisor: Adhish Panta

Background: *The context for this project*	The Trend Report is a platform that serves tech-related articles and information to users. Users should expect to keep up with the latest developments in the tech industry, whether it be research papers, new technologies, or new industry standards.
Aim *Purpose of the project.*	The project's primary purpose is the complete redesign and upgrade of the Techlab Trends website. The key ideas are to implement a reporting tool and a rehaul of the search system to provide more room for advanced and customisable searches. The navigation system of the website should be improved and the general view of the home page should be inviting.
Objectives (SMART): *Goals of the project.*	To meet the client's requirements to improve the purpose of their website and make the features more user engaging
Success Criteria: *What does success look like for the sponsor and how can it be measured.*	A website that helps the clients to display their projects and experiments to the users and engage with the users. Also the product is both maintenance friendly and user-friendly so that the client can easily update the content and users can easily learn how to use the website.
Deliverables *List the outputs that will be produced as part of the project including the final product or service.*	User friendly layout and style
Specific targeted audience features - drop down or another feature to give the user an option of categorisation
Story based information display
Lazy loading pages as the user scrolls
Better navigation between pages through links
Categorisation filters for search function (advanced search)
Details of authors and their posts/works
Scope *The work that needs to be accomplished in order to deliver/complete the project.*	As a reader, I want to know the length of articles so that I can determine whether I have enough time to read through it.
As a reader would like to lazy load articles with infinite scroll so that I can seamlessly browse articles.
As a reader I would like to be able to search for articles so that I can find related articles I am interested in.
As a reader, I would like to expand information specifically related to my role as a student/tutor/academic researcher so that I can see information only relevant to me.
As a reader I would like to look through categories and tags so that I can find all related articles at once.
As a reader, I want to be able to tailor the type of information served to me by The Trend Report.
As a user, I want an actual usable interface, so that I can properly browse information in The Trend Report.

Out Scope *Work you are not required to deliver as part of your project*	As a user I want to have an integrated chatbox so that I can be able to communicate with support quickly and determine a field I am interested in. As a user I would like to have a modal design when browsing through articles, this way it allows me to easily navigate around the website. As a user I want to be able to have a storage of my last viewed, favourited and 'read later' articles in order to improve viewing experience.
Milestones *Key checkpoints with the client e.g. client deployment, approval deadlines*	2nd of August - check final design with the client Week 4 - Basic update of search and tagging system. Week 5 - first project report Week 9 - first client deployment Week 13 - Final delivery to client and demo
Human Resources: *Are there other specialist staff or subject matter experts that will participate?*	Jim Cook Viji Venkataramani Adhish Panta
Other Resources: *Are there other resources to be utilized in the project? Data? Equipment?*	MySQL or MongoDB. React, NodeJS Google analytics WYSIWYG widgets etc.
Reporting/ Meeting Frequency: *With what regularity will the team meet with the client and report to the client.*	Weekly meetings and reporting with client, and regular discussion on slack. Weekly meeting with team. Regular progress check up within the team for reporting purpose.