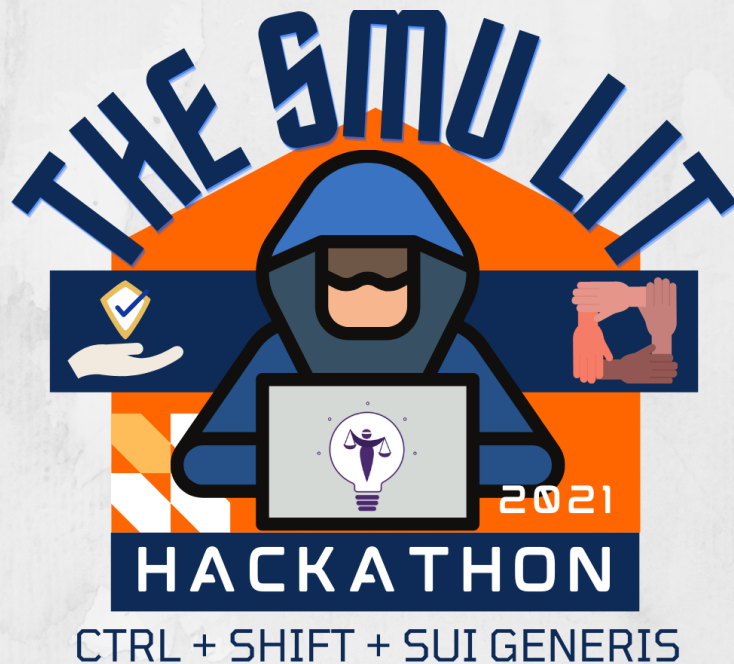


LIT NEWSLETTER 2021

Special Hackathon Edition



OVERVIEW:

The **SMU Legal Innovation and Technology (LIT) Hackathon 2021: Ctrl + Shift+ Sui Generis** was organised by the Singapore Management University Legal Innovation and Technology club ("SMU LIT") from 13-15 August 2021. It was the largest intervarsity fully virtual three-day hackathon held in Singapore, fielding over 170 students from all Institutes of Higher Learning in Singapore competing for \$12,500 worth of prize money and almost 300 audience members from around the world. The event was graced by guest-of-honour Ms Lai Wei Lin, Permanent Secretary for Law and Second Permanent Secretary for Education.

During the event, insightful webinars on various topics surrounding legal technology in the industry were given to audience members by our Platinum and Gold Donors, as well as other industry partners. In this issue of LIT's Newsletter, we share some of the key takeaways and sharings from the talks.

By Law & Tech Team: Jade Lee, Julian Loke, Joshua Lim, Elizabeth Santhosh

SMU LIT HACKATHON: CTRL + SHIFT + SUI GENERIS WOULD NOT HAVE BEEN POSSIBLE WITHOUT THE FOLLOWING EVENT PARTNERS.

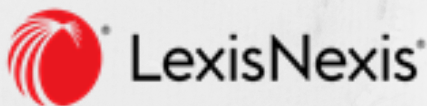
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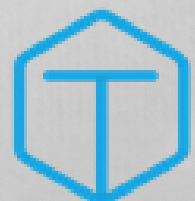
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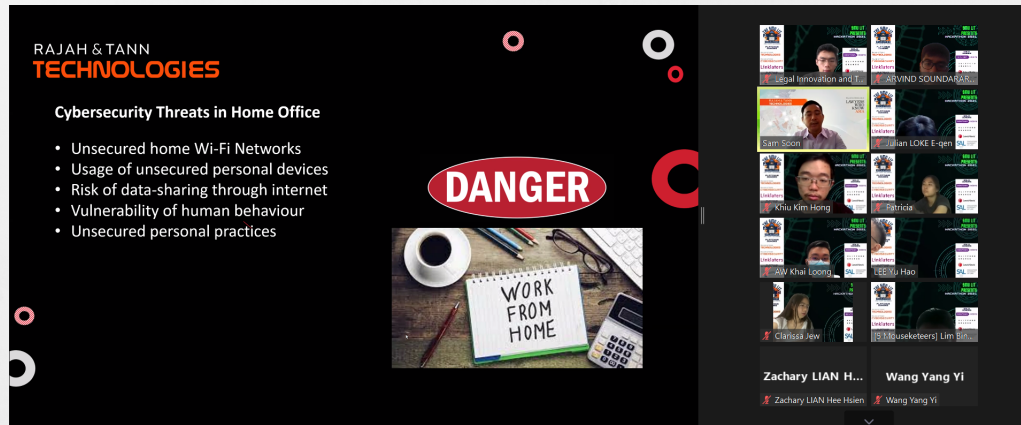


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“ TO REDUCE THE CHANCE OF CYBERSECURITY BREACHES, WE SHOULD ADOPT GOOD PERSONAL PRACTICES SUCH AS USING VIRTUAL PRIVATE NETWORKS AND IMPLEMENTING STRONG HOME NETWORK PASSWORDS. THESE SIMPLE MEASURES WILL HELP KEEP SENSITIVE DATA STRICTLY PRIVATE AND CONFIDENTIAL.

Overview

Sam gave insights into the impact of cybersecurity on organisations around the world. Cybersecurity can be defined as the practice of protecting critical systems and sensitive information from cyber threats and cyber attacks. All law firms are dependent on some kind of technology to carry out their work. These include anything from eLitigation systems to email software used to communicate with clients and solicitors.

Due to the private and sensitive client information held by law firms, it is imperative that there are systems in place to prevent cyber attacks from disrupting and altering these vital systems, as well as ensuring the data of clients remain confidential.

The need for better Cybersecurity

Sam explained that due to the Covid-19 pandemic, organisations around the world need to respond with more robust cybersecurity measures. This is because the world has become more connected as a result of people working from home (WFH).

Sam advised that we should monitor the way we use our devices to reduce the risk of cybersecurity threats such as data theft and malware infiltration. For example, our home Wi-Fi networks may have weak passwords which have not been changed for several years. Alternatively, when working outside of home like at a cafe, we are likely to connect to a public Wi-Fi network which may be unsecured and present opportunities to hackers to carry out cyber attacks.

Cybersecurity Best Practices

To reduce the chance of cybersecurity breaches, we should adopt good personal practices such as using Virtual Private Networks and implementing strong home network passwords. These simple measures will help keep sensitive data strictly private and confidential.

INNOVATION IN THE LEGAL INDUSTRY

SPEAKER: DAVE YUEN (SENIOR CONSULTANT | R&T TECHNOLOGIES)

The idea of innovation

Beginning with the idea of innovation, Dave shared the four pillars in the innovation space: 1) investment, 2) technology, 3) processes, 4) leadership. On the point of investment, he shared that innovation efforts are usually stifled by the lack of budget. Many innovation initiatives require time to be realised. From a law firm's perspective, lawyers also have to invest time into new innovation initiatives.

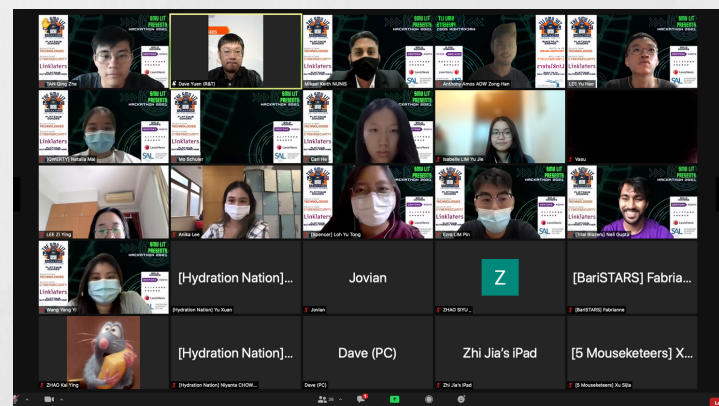
Regarding processes, he explained the importance of researching and understanding the new processes. Another important consideration is the relevance of specific platform and technology to resolve problems in the firm.

Lastly, support from core management is vital to inspire the successful adoption of technology.

Personal Experience:

Dave also shared his experience over the years and his passion in the technology and innovation space. In recent years, law firms have had to adapt to the rise of cloud technology and changing client expectations. Today, there is an increased desire for functional and practical software across all the industries.

In light of these events, Dave shared the importance of focusing on the pain points that one seeks to address in introducing new technology.



Lupl

Dave also introduced Lupl to the participants. Lupl is a system which R&T has invested in, which integrates everything in one platform. This allows clients to easily access documents and communications with law firms. The platform features a user-friendly dashboard showing outstanding tasks and matters in real time for both lawyers and clients.

LINKLATERS

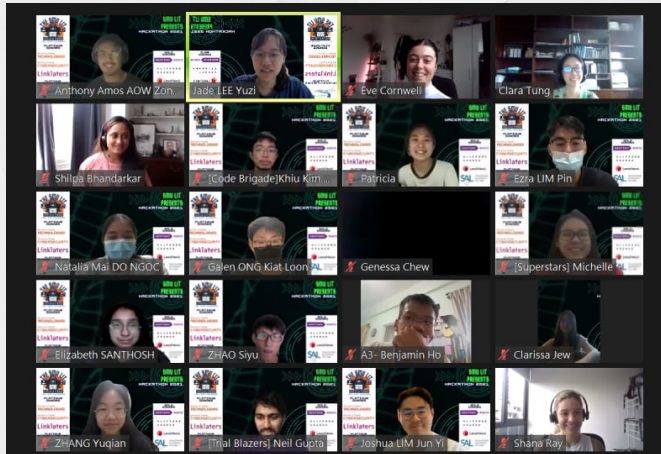
THE IMPACT OF LEGALTECH ON LAW FIRMS, AND HOW LAWYERS SHOULD ADAPT

SPEAKERS: CLARA TUNG (MANAGING ASSOCIATE | LINKLATERS SINGAPORE), SHILPA BHANDARKAR (CEO | NAKHODA), EVE CORNWELL (TRAINEE | NAKHODA)

The Linklaters approach to innovation:

Linklaters adopts a unique approach towards innovation. Clara shared the way the firm constantly leverages and thinks about using technology to improve efficiency. The firm also collaborates across disciplines to innovate better solutions. The culture and people within the firm also encourages lawyers to learn to use the new technologies in their work.

Technology is a big part of innovation, and can be used to save time for lawyers and provide better services for clients.



Nakhoda

Nakhoda was created in 2017. Created by the inhouse team at Linklaters, it creates bespoke solutions for the firm. Shilpa shared about the process of developing CreateIQ, a contracting platform launched by the firm in March 2021 as a solution that is sector and document agnostic. She also shared the impact that CreateIQ has had for lawyers at Linklaters.

Training at Nakhoda

Eve, a trainee at Linklaters, shared her training experience with Nakhoda. She shared her reasons for joining Nakhoda and her experience at Nakhoda so far. One thing she shared was that there are no requirements for coding language fluency, but that support was available at the firm or those who wish to upskill in this area.

“
**INNOVATION IS A
MINDSET**
”

HOW TECHNOLOGY HAS CHANGED THE LEGAL INDUSTRY

SPEAKERS: DENISE SARA BRYAN (MANAGING ASSOCIATE | LINKLATERS SINGAPORE) AND RISTO JAAGANT (LEGAL TECH OFFICER | LINKLATERS TOKYO)

Implementing Tech

Risto shared how legal tech is differentiated from existing productivity tools. Its implementation involves the use of specialist technology to enhance lawyers' work by streamlining, automating, or otherwise facilitating legal tasks. This results in increased efficiency and the automation of menial work usually done by lawyers.

How has legal tech changed Linklaters' operations?

With increased implementation and streamlining across various teams in the firm, Legal Tech is now involved in every stage of a matter's lifecycle; from the pitching stage to the closing of the matter.

Legal Tech now provides a digital infrastructure for all legal Operations, acting as a backbone for the firm with teams using the same tools for different purposes throughout the firm.

Legal Tech delivery from a lawyer's POV

Having moved from a local firm, Denise had an amazing first experience at Linklaters using document automation to draft a sale and purchase agreement.

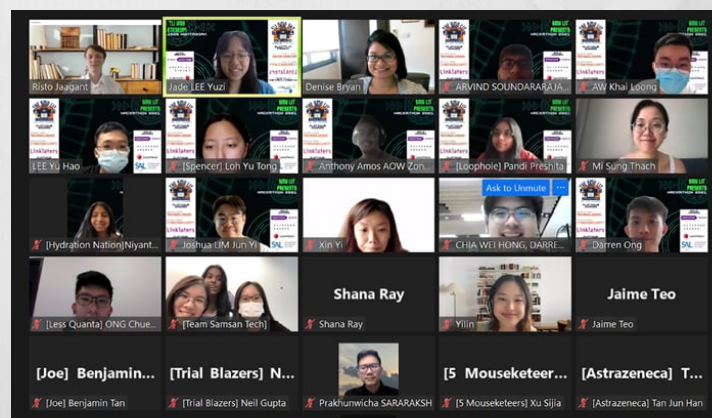
Since then, legal tech has become ingrained in her life as a lawyer, changing her outlook on legal tech.

The efficiency created by legal tech benefits lawyers and clients alike, automating mundane tasks and allowing lawyers to focus on the legal aspects of their work while providing better quality legal services to clients.

What does change mean for lawyers and the legal industry?

Legal Tech brings about an exciting transition period for the legal industry.

The increased efficiency from tech implementation promotes agile working with a greater emphasis on task focused work. This not only improves work-life balance but also encourages lawyers to leverage on tech to constantly innovate and find better ways to deliver legal services.



PLATINUM PANEL:

LEGALTECH AMIDST CHANGING LANDSCAPES - COVID-19, UNCONVENTIONAL LEGAL CAREERS AND NON-LEGAL STAKEHOLDERS

PANEL: ANDREW HILL (RAJAH & TANN TECHNOLOGIES); PEIYING CHUA (LINKLATERS); JOSH LEE (ASIA-PACIFIC LEGAL INNOVATION AND TECHNOLOGY ASSOCIATION)

Overview

The Platinum Panel was the highlight of the LIT event, featuring a panel discussion between R&T, Linklaters and ALITA. The panel had an insightful discussion on the topic of LegalTech amidst changing landscapes.

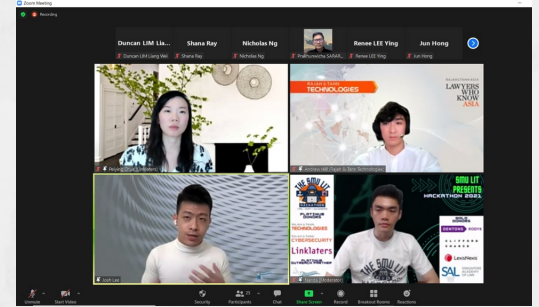
COVID-19 Impact

To kick things off, the panelists were invited to share how the present legal technology scene has changed given the COVID-19 situation. Josh shared that COVID-19 changed people's attitudes towards innovation, and a growing realisation amongst legal professionals on how technology could be used to improve processes. Peiyong also shared that legal technology is critical and essential for lawyers today. Technology can be used as a tool to remove human error and improve efficiency. Andrew commented that there has been growing interest in the legal technology scene - as seen in the strong response to initiatives like FLIP, Tech-celerate and Techlaw.fest. He also shared that R&T is currently developing a large innovation platform for clients and lawyers alike.

How law and non-law students can play a part

The panellists also gave students useful advice on how students can get started in legal technology, highlighting that students didn't necessarily need to learn to code. Rather, it is more important for students to engage with the legal technology community, and be familiar with how technology works.

It is important to be intellectually curious and willing to learn about the industry. There are plenty of opportunities for both law and non-law students. With clients expecting more technology driven services, there is an increasing need for technology specialists. Likewise, for lawyers to know their clients better, have a baseline understanding of technology is crucial. The panelists encouraged all students to be curious, be bold and to take initiative to get involved.



“ BE INTELLECTUALLY CURIOUS AND WILLING TO LEARN ABOUT TECHNOLOGY ”

GOLD DONOR: SAL

TECHLAW.FEST 2021

The top 3 winners of LIT Hackathon 2021 presented their solutions at TechLaw.Fest 2021, which took place from 22 to 24 September 2021. The conference was organised by the Singapore Academy of Law (“SAL”) in conjunction with Singapore’s Ministry of Law and MP International.

The event attracted global legal, tech and regulatory communities. They discussed emerging issues around the law of

technology. Other topics discussed included intellectual property matters surrounding alternative assets like non-fungible tokens (NFTs) and the effect of the shift away from third-party cookies.

Due to the pandemic, TechLaw.Fest moved online in 2020, offering increased accessibility to global participants. This has encouraged record attendance with over 6,000 registered attendees from more than 100 countries in 2020.

This year, TechLaw.Fest 2021 was once again held predominantly online and the entire experience, which included limited in-person networking sessions in Singapore, were free.

Thousands of top legal, tech and government leaders engaged in conversations across four key areas: legal operations, technology of law, law of technology and access to justice.



GOLD DONOR: CLIFFORD CHANCE

THE FUTURE LAW FIRM - NAVIGATING A FUTURE DISRUPTED BY LEGALTECH

SPEAKERS: SHANICE CHOO (LEGAL INNOVATION ADVISOR | CREATE+65) AND CHA KALINSAN (ASSISTANT HR MANAGER | CLIFFORD CHANCE ASIA)

Overview

During the session, Cha from Clifford Chance shared the firm's approach towards future lawyers and future legal technologists. Clifford Chance's R&D Hub brings the firm's product research, design and development capabilities together in one place.

CREATE+65

It is Clifford Chance's legal technology innovation lab for Asia Pacific, adopting emerging technologies that enhance, improve and reimagine the way clients are served, with the speed and ambition of a start-up.

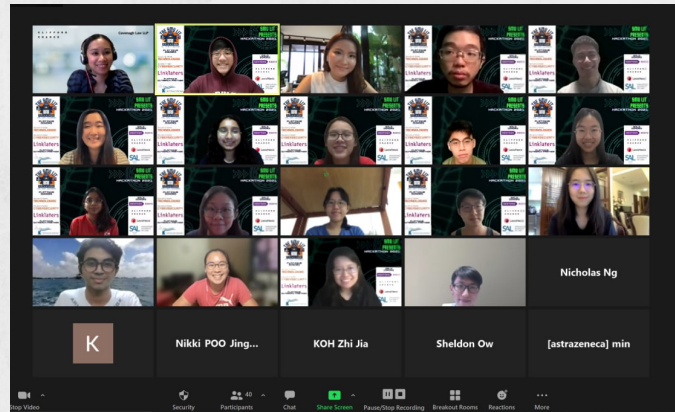
It was set up in partnership with the Future Law Innovation Programme (FLIP) with the support of the Singapore Economic Development Board (EDB)

Intelligent VIMA Solutions

The Intelligent VIMA solutions were built to show how the open source way can transform the legal sphere in the same way it has transformed software. Building on the initial set of agreements that were launched in 2018, Clifford Chance transformed the way founders and investors access and generate early-stage fundraising documents through the Intelligent VIMA Solutions. It was launched in conjunction with the Singapore Academy of Law, the Singapore Venture Capital and Private Equity Association and Temasek.

This is a great example of how Clifford Chance has harnessed the power of LegalTech to transform the delivery of legal services. The wider adoption of VIMA, now made easier through user-centric chatbots and questionnaires, will help further reinforce Singapore's position as a leading start-up hub in South East Asia, and encourage the development of further legal technology and innovation.

"WHILST OUTSTANDING CLIENT WORK REMAINS A CORE FOCUS AT CLIFFORD CHANCE, THE FIRM ACKNOWLEDGES THAT A HOLISTIC APPROACH TO CLIENT CHALLENGES - ONE WHERE LEGAL ISSUES ARE PART OF A BROADER SOLUTION THAT INVOLVES TECHNOLOGY AND PROCESS CHANGE - WILL BE THE PARADIGM FOR NEW LEGAL SERVICES."



GOLD DONOR: DENTONS RODYK & DAVIDSON

TECHNOLOGY'S INFLUENCE ON ENFORCEMENT OF IP RIGHTS IN A DIGITAL ENVIRONMENT

SPEAKERS: GILBERT LEONG (SENIOR PARTNER) AND TEO ZHE HAN (ASSOCIATE)

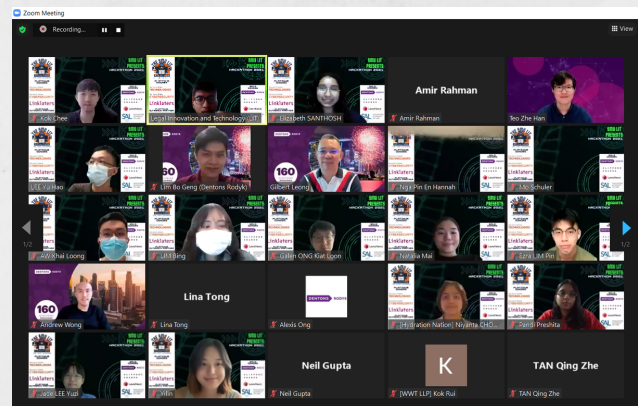
How technology facilitates IP infringement

IP infringement without technology is possible but the problem is magnified due to the widespread use of it. For example, there is greater ease of digital reproduction and sharing of copyright content as well as marketing and selling trademark infringing goods online. Technology has had the unintended effect of allowing goods to reach any part of the world regardless of where it was made.

Legal developments that assist IP enforcement

With the anonymity of online infringers, court applications can be made to reveal the identity of anonymous online infringers. There are laws in Singapore to deter infringement of protected digital content, such as the notice-and-takedown regime and court applications to order ISPs to take reasonable steps to block access to flagrantly infringing sites under the Copyright Act.

However there are limitations whereby the infringer may not be within the jurisdiction or if there are multiple different people who share the same IP address, for example.



Technological developments to assist with IP enforcement

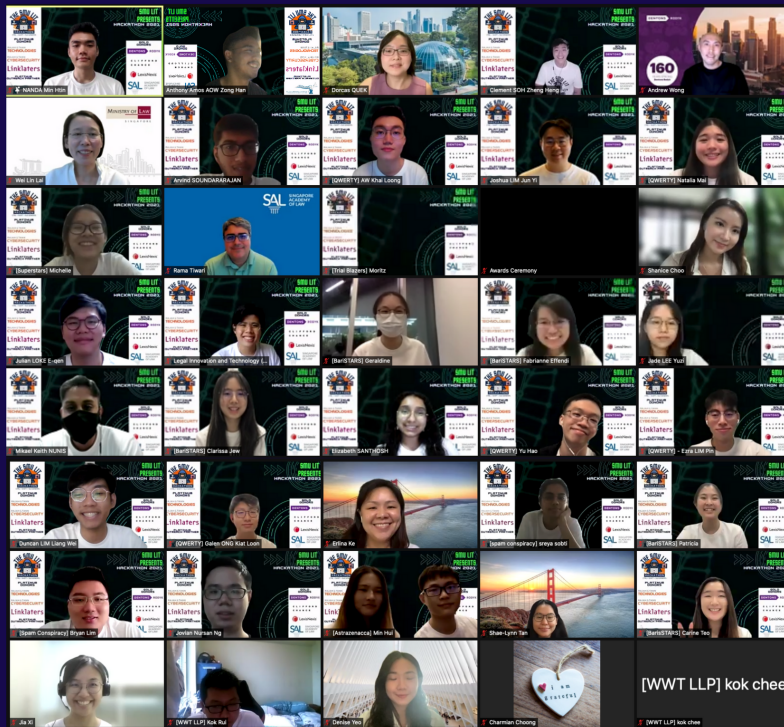
Some examples of technology assisting with enforcement of IP rights in the digital environment are monitoring technologies for brand protection (Compumark & CORSEARCH), use of AI by responsible e-commerce marketplaces (Amazon's "Project Zero") and monitoring technologies that scan for copyright infringement.

Gilbert and Zhe Han shared on distributed ledger / blockchain-based solutions which produce trustworthy, transparent and publicly-traceable records of transactions for authentication of product provenance to detect counterfeits.

DAY 3 OF SMU LIT

HACKATHON 2021

THANK YOU EVERYONE!



FOR MORE EVENTS/ NEWS, FOLLOW US ON

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SPECIAL THANKS TO THE:
2021 LIT EXCO, GUEST-OF-HONOURS AND JUDGES FOR MAKING
THIS EVENT POSSIBLE

