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“Optimizing Innovation in Knowledge, Education and Design”

EXTENDED ABSTRACT



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Assalamualaikum warahmatullahi wabarakatuh,



First and foremost, I would like to express my gratitude to the organizing committee of i-Spike 2023 for their tremendous efforts in bringing this online competition a reality. I must extend my congratulations to the committee for successfully delivering on their promise to make i-Spike 2023 a meaningful event for academics worldwide.

The theme for this event, 'Optimizing Innovation in Knowledge, Education, and Design,' is both timely and highly relevant in today's world, especially at the tertiary level. Innovation plays a central role in our daily lives, offering new solutions for products, processes, and services. By adopting a strategic approach to 'Optimizing Innovation in Knowledge, Education, and Design,' we have the potential to enhance support for learners and educators, while also expanding opportunities for learner engagement, interactivity, and access to education.

I am awed by the magnitude and multitude of participants in this competition. I am also confident that all the innovations presented have provided valuable insights into the significance of innovative and advanced teaching materials in promoting sustainable development for the betterment of teaching and learning. Hopefully, this will mark the beginning of a long series of i-Spike events in the future.

It is also my hope that you find i-Spike 2023 to be an excellent platform for learning, sharing, and collaboration. Once again, I want to thank all the committee members of i-Spike 2023 for their hard work in making this event a reality. I would also like to extend my congratulations to all the winners, and I hope that each of you will successfully achieve your intended goals through your participation in this competition.

Professor Dr. Roshima Haji Said
RECTOR
UiTM KEDAH BRANCH



WELCOME MESSAGE (i-SPIKE 2023 CHAIR)



We are looking forward to welcoming you to the 3rd International Exhibition & Symposium on Productivity, Innovation, Knowledge, and Education 2023 (i-SPIKE 2023). Your presence here is a clear, crystal-clear testimony to the importance you place on the research and innovation arena. The theme of this year's Innovation is "*Optimizing Innovation in Knowledge, Education, & Design*". We believe that the presentations by the distinguished innovators will contribute immensely to a deeper understanding of the current issues in relation to the theme.

i-SPIKE 2023 offers a platform for nurturing the next generation of innovators and fostering cutting-edge innovations at the crossroads of collaboration, creativity, and enthusiasm. We enthusiastically welcome junior and young inventors from schools and universities, as well as local and foreign academicians and industry professionals, to showcase their innovative products and engage in knowledge sharing. All submissions have been rigorously evaluated by expert juries comprising professionals from both industry and academia.

On behalf of the conference organisers, I would like to extend our sincere thanks for your participation, and we hope you enjoy the event. A special note of appreciation goes out to all the committee members of i-SPIKE 2023; your dedication and hard work are greatly appreciated.

Dr. Junaida Ismail

Chair

3rd International Exhibition & Symposium Productivity, Innovation, Knowledge, and Education 2023 (i-SPIKE 2023)

CHAPPS (CHAMBERING APPLICATION SOLUTIONS)

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ABSTRACT

Chambering Application Solutions (CHAPPS) caters the need of law graduates to apply for pupillage with legal firms. Currently, they need to manually apply to the respective law firm via email, phone call, letter or personally present themselves at the firm. Therefore, CHAPPS website aims to be a one-stop platform for law graduates to apply for pupillage. CHAPPS provides the applicants a comprehensive list of law firms where they can apply for pupillage in one single website. They only need to fill in their details before submitting their applications. They can choose the relevant law firms according to their preference in terms of localities and areas of practice. This webpage allows them to search for the law firms alphabetically, by areas of practice and localities, and apply for pupillage directly from the website. This CHAPPS website, therefore, not only may facilitate law graduates' access to apply for pupillage but also can saves the applicants' and law firms' time, resources, and costs. This CHAPPS website uses simple-web based model (Small Scale Website Development Model) in its design and development.

Keywords: chambering, pupillage, webpage, application

INTRODUCTION

In order to be an advocate and solicitor in Malaysia, section 12 of the Legal Professional Act 1976 requires the law graduate to serve a period of pupillage/ chambering at any law firm. The pupil is served with a master with at least seven years' experience in legal practice. The purpose of pupillage is to give an opportunity to the pupil to gain some acquaintance with the work of an advocate and solicitor before commencing practice. It is also to provide platform for the law graduates to equip themselves with hands-on experience in legal practice, before they can qualify as legal practitioners (Abdul Shukor et al, 2018).

The current practice of pupillage in Malaysia is that the pupils need to manually search and apply for the position at the respective law firm via email, phone call, letter or by personally going to the law firm. This involves a lot of hard work in term of researching the practice areas of the firm, the background and experience of the lawyers, and how the candidate's interests meet the expectation of the law firm (Ainscough, 2022). If the law firm does not provide any online application system, the candidate needs to provide cover letter or resume prior to being shortlisted for pupillage interviews. Due to a single law firm might receive hundreds of applications for just one or two placements, it is important for the candidate to tailor the application to that specific opportunity offered by the law firm (Bar Council, 2019).

This innovation - Chambering Application Solutions (CHAPPS) caters the need of law graduates to apply for pupillage with legal firms. Currently, they need to manually apply to the respective law firm via email, phone call, letter or personally present themselves at the firm. This webpage allows them to search for the law firms alphabetically, by areas of practice and localities, and apply for pupillage directly from the website.

METHODOLOGY

The webpage is still at developmental stage. The design-based research model by Panda & Panigrahi (2012) for small scale website development will be used:

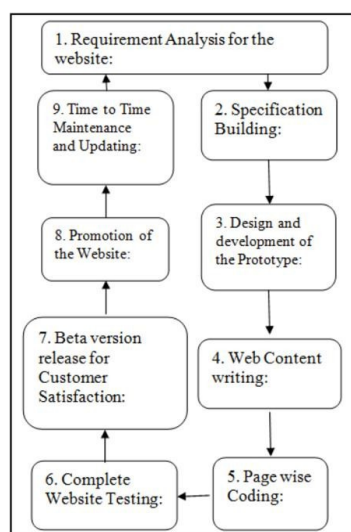


Diagram 1: Web Model–A model for Small Scale Website Development

1. Preliminary analysis: Analysis of requirements of CHAPPS features, potential users, usability and mode of accessing it.
2. Specification building: Developing the specifications of the website - sign up, log in, search law firm, apply pupillage etc.
3. Design and development of prototype: Design 3 prototypes and test their features.
4. Content writing: Writing contents and proofreading contents on the website.
5. Page wise coding: Input coding to the website.
6. Testing: integration, stress, stability, load and cross browser testing.
7. Promotion of website: to selected firms and law graduates.
8. Release of beta version: release the beta version for public usage and allow them to give feedback.

9. Maintenance and updates: maintenance of the website and continuous updates for security and added features in the future.

RESULTS AND DISCUSSIONS

CHAPPS website aims to be a one-stop platform for law graduates to apply for pupillage. CHAPPS provides the applicants a comprehensive list of law firms where they can apply for pupillage in one single website. They only need to fill in their details before submitting their applications. They can choose the relevant law firms according to their preference in terms of localities and areas of practice.

Features of CHAPPS website:

1. Law firm listing – law firm listing provides the list of law firms in Malaysia which can be filtered using locality, practice area, and name filters.
2. Law firm details – location, contact details, and lawyers' profiles.
3. Apply now function – law graduates can fill in their details and submit the application for pupillage via the “apply now” function.

On the other hand, the law firms will be able to see the list and details of the pupillage applications and use “call for interview” menu for the shortlisted candidates.

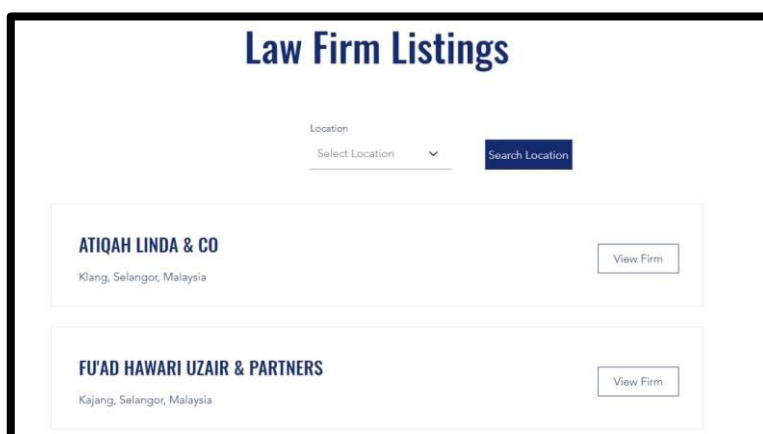


Diagram 2: Law firm listings

Law Firm Listings

Location

2-35-3, SINARAN ... ▼

[Search Location](#)

LIYANA & CO.

Shah Alam, Selangor, Malaysia

[View Firm](#)

Diagram 3: Search law firm by location

Lawyer Name

'AINNUR LIYANA BINTI YA'AKUB

Qualification

INTERNATIONAL ISLAMIC UNIVERSITY (IIU)

[Apply Now](#)

Diagram 4: Search lawyer and qualification

[< Back](#)

LIYANA & CO.

[Apply Now](#)

Shah Alam, Selangor, Malaysia

Address

2-35-3, SINARAN 1,
NO.14, PERSIARAN
ANGGERIK
VANILLA, KOTA
KEMUNING,
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SHAH ALAM,
SELANGOR

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Diagram 5: Law firm details and “apply now” function

CONCLUSION

CHAPPS website would facilitate law graduates' access to apply for pupillage. It also saves the applicants' and law firms' time, resources, and costs.

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