

Cawangan Melaka



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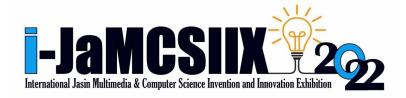
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SpaceBook

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Abstract — A good room booking system should be convenient for teachers to use and would require a minimum involvement of staff regarding managing bookings and classes.

Keywords — efficiently, time savvy, book your venue now

I. INTRODUCTION

This app is specially made for teachers that are having difficulties to reserve venue for learning and teaching process. This app has made it easier for teachers to reserve the venue that they want anywhere and anytime through their phone. It also will apprise other teachers that the certain venue has been booked. Whereas 2 classes having clash because they had class at same venue and the same time. And all you have to do is looking for other venue and it will drag the learning process. The internet dramatically change how we do book and reservation easier and more efficiently. Twenty-first-century technology should be seen as an opportunity to acquire more knowledge, not an excuse to know less [1].

II. LITERATURE REVIEW

Portable gadgets are a must have in the 21st century. It has become a necessity for everyone to have. A simple gadget which many people have and still use and wear to this very day is watches. The same goes for smartphones. It will keep evolving and be of service to the community. Thus, with this apps, the users can use smartphone daily in professional way. Mobile devices make it easy to type and save time.

What is usually happen in some organisation is having difficulty to book the venue for meeting, engagements or in education field, booking classes. In MRSM Kuala Klawang, we use an online OPAC library system to book space in a library which consist Bilik Tayangan, Dewan Seminar and Makmal Multimedia. Obviously, this system is not used for other places around the school like Dewan Semarak, Bilik SEM or others and specialized for library only. With this app, all places can be centralized in only one app which is SpaceBook. This will make it easier for the teachers to book the venue they want at anywhere and anytime. The increasing needs of rooms for teacher or students to use the spaces in library or other venue, a robust system is needed to save the time to managing room bookings manually [2].

III. METHODS

The Steps used in the production of the app is based on 4 simple principles: Plan, Design, Develop and Launch. These methods were used throughout all the processes to create the app. For planning principle, information and requirements about the project was searched on the internet. Examples of other mobile apps and tutorials were used as reference for the making of the project. Mobile and available textbooks were used to plan and design the layout and interface for the project. Software such as Adalo was downloaded to begin the making of the project.

For designing, icons, background, etc are downloaded and edited from Google. All pictures used were taken around the school. Next, developing. The system for app is made using Adalo. The last step is the launch principle where the app was tested using a smartphone connected to the laptop. Through the test, the performance of the app was able to be benchmarked. Whilst, the performance itself is reviewed and commented from users. These criticisms allowed the app to be improved and suit the needs of its user.

IV. RESULTS

The apps consist of 7 screens (Refer Fig. 1 and Fig. 2). The first screen is the Signup page where first user can register their information in the screen. The second screen is Login page where the user has to fill in their login information. The third screen shows choices of the venues which are Dewan Semarak, Dewan Seminar, Anjung, Bilik Tayangan, Bilik SEM and Surau. Users will choose the venue they want. For Search screen, this screen is optional whether the user want to search the venue or choose it on the third screen. After that, it will directly go to the next screen which is Form Booking. On this form, users will fill in the requirement which are Name, Class, Subject, Booking Time and Time of Event End. Next, calendar will appear on the last screen. The date will be underlined for the time that has been booked. Each agenda will appear after click on the date. The agenda will show the user's name, class and time the class will be held.

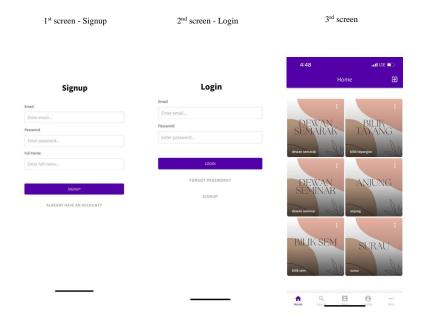


Fig. 1. Interface of the system

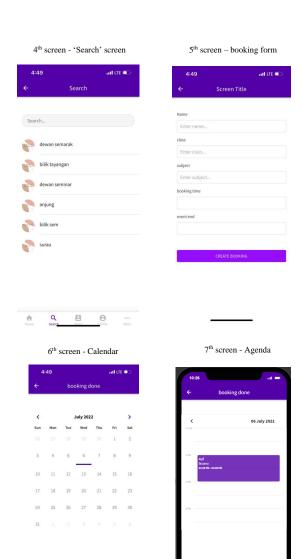


Fig. 2. Interface of the system

B 0

Profile

V. CONCLUSIONS

When two elements of technology combined; booking system and smartphones, we created a new app which make the process of booking venue for learning process easier. This app can be use by all teachers especially at secondary school, college and university. New system of booking management is created in parallel with technology development.

The development of Booking System will significantly improve the current manual process of booking venue for class especially in a university, college or school environment. This application not only improving the manual process but also reduce the amount of wasting paper and time. The developed system can be improved and upgraded further, e.g. by extending the system with new features and modules or by improving the booking system layout with new display style.

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