



Mobile Booking Application for Freelance Photographer : FreeGrapher

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Abstract—Mobile Booking Application for Freelance Photographer is a mobile application that was developed to allow potential clients to find and make online booking of freelance photographers within the client selected area. Currently, most clients are using a traditional booking process where the client needs to find and contact the photographer through social media such as Facebook or Instagram which can be time consuming and sometimes booking issues such as a client booking a date that already has been booked by another client. Therefore, by having a platform where clients find and book photographers, the finding and booking process will be more efficient. This application will help the client to easily find and book the available photographer near their area easily. Besides, the photographer can use this application as a platform for marketing their services to potential clients. In addition, this application also recorded all the booking data of the client for the photographer. Thus, there will be no data redundancy or booking related issues. This application was implemented using three phases of the waterfall methodology -the requirements gathering and analysis, design and implementation. During the first phase the requirements for the project were gathered using interviews with the stakeholders and analyzed to specify the requirements. Next, the requirements specification was used to design the system architecture, database and interface. Lastly, the application was developed by using Android Studio with Firebase Realtime database. In conclusion, this application will help the freelance photographers to advertise their services to match with the booking needs of clients within the location coverage.

Keywords—*Mobile Booking Application, Freelance photographer,*