Universiti Teknologi MARA

OTPT MOVE –
Occupational and Physical Therapy On-The-Move Mobile Application

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ABSTRACT

Booking an appointment have been an easy way for patient to meet their doctor. Usually after the booking, the patient have to go to meet their doctor on the specified date and place. With OTPT move, the therapist will come to the patient instead of patient coming to them. OTPT Move act as a platform for occupational and physical therapist to be more recognized and reachable for the patients. After that, patient can browse for therapist listed in the system. OTPT Move will be using Google Firebase platform for the development of this application and appropriate Software Development Kit and coding editor.

TABLE OF CONTENTS

CONTENTS   **PAGE**

CHAPTER 1

INTRODUCTION

1.1   Background of Study

Some problems in the health sector are the waste of people's time in waiting and repeating revisits, because of lack of appointment system (Adnan, A., 2014). Booking an appointment online has been one of the very convenient way to replace the traditional way of booking an appointment. Appointment can be applied for people who have limited time or people who wants to schedule their time properly. As the world now is getting advanced day by day, smartphones also have become a platform for appointment booking. There are many businesses and healthcare appointment related applications in the market and the numbers are rapidly increasing. This trend leads to the new development of many health-based applications.

1.2   Problem Statement

With the busy life people having nowadays, time has always been a top issue. People often do not have time to meet the doctor nor therapist. Booking an appointment may help them to schedule but sometimes end up misses them. The lead time for the appointment also can be very long which may end up with a high no-show probability (Xin, D., 2013). Normally, the patient need to come to the therapy center after booking an appointment regardless of their condition. To overcome the problem, OTPT Move will provide the on-site appointment where the therapist will come to their patient.