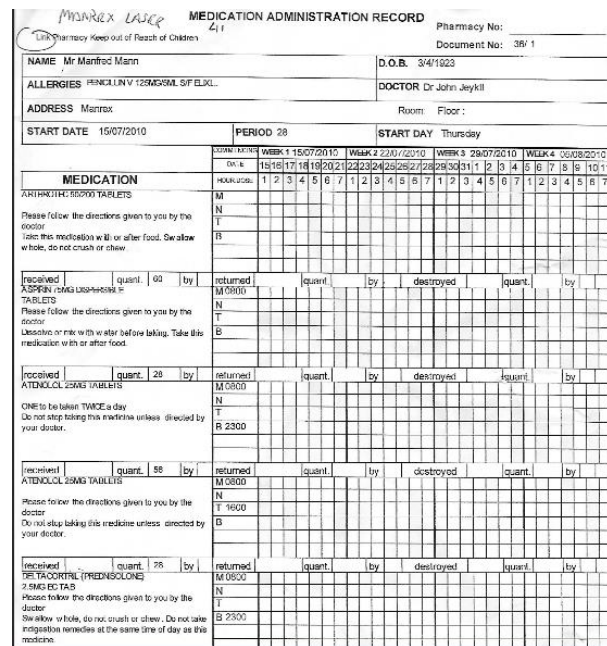


**ShareCare**  
Marie Patrick

BSc in Information Technology with industrial year

**ABSTRACT**

This paper aims to address the need for a web based solution such as ShareCare. It will discuss the problems statement and issues associated with the care industry, as well as the pressure points affecting the carers themselves. Furthermore the infrastructure behind the system is illustrated, providing a logical framework from which ShareCare can be delivered. And by using in depth research into both the patient and carers needs, the system is designed specifically to aid the management of daily tasks faced by the carers. With the additional asset of using Optical character recognition (OCR) to automate the recording of medication from a patient's Medication Administration Record (MAR).



*MAR: MANN*  
Pharmacy: Keep out of Reach of Children  
411 Pharmacy No: \_\_\_\_\_ Document No: 36/1

**NAME** Mr Manfred Mann **D.O.B.** 3/4/1923

**ALLERGIES** PENICILIN V 125MG/5ML SIF ELKIL **DOCTOR** Dr John Jeykell

**ADDRESS** Mantrax **Room:** \_\_\_\_\_ **Floor:** \_\_\_\_\_

**START DATE** 15/07/2010 **PERIOD** 28 **START DAY** Thursday

MEDICATION	WEEK 1 15/07/2010							WEEK 2 22/07/2010							WEEK 3 29/07/2010							WEEK 4 05/08/2010						
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11
<b>ASPIRIN 150/900 TABLETS</b> Please follow the directions given to you by the doctor. Take this medication with or after food. Swallow whole, do not crush or chew.																												
<b>ATENOLOL 50MG TABLETS</b> Please follow the directions given to you by the doctor. Swallow or mix with water before taking. Take this medication with or after food.																												
<b>ATENOLOL 50MG TABLETS</b> ONE to be taken TWICE a day. Do not stop taking this medicine unless directed by your doctor.																												
<b>ATENOLOL 50MG TABLETS</b> Please follow the directions given to you by the doctor. Do not stop taking this medicine unless directed by your doctor.																												
<b>BETAACORTEL (PREDNISOLONE) 2.5MG ED TAB</b> Please follow the directions given to you by the doctor. Swallow whole, do not crush or chew. Do not take any other medicines at the same time of day as this medicine.																												

**Figure 1.** Medication Administration Record (example)

M Patrick, ShareCare, *Proc. 13<sup>th</sup> School Conf. for Annual Research Projects*, M Patrick, pp. 1–3, University of Reading, 3rd June 2014.