CHAPTER 1

INTRODUCTION

1.1 BACKGROUND

Laundry carts make transporting clothing to and from the laundry area a lot easier. People living in apartments may also find using a laundry cart convenient, as most household laundry carts fit in elevators. Large institutions that require a constant flow of clean linen, working-clothing or uniform, will often employ the services of an industrial laundry. Hospitals, prisons and hotels, for instance, will usually have their own laundry departments. The organized collection, laundering and timely delivery of textile service ware is essential to the operation of the institution.

1.2 OBJECTIVE

To design and fabricate smart laundry cart that reduces the factor of Musculoskeletal Injury or in short form MSI with developing basic technical skills.

1.3 PROBLEM STATEMENT

Existing laundry carts causes Musculoskeletal Injury (MSI) and do not have wide range of purposes. Therefore, the smart laundry cart reduces the risk of MSI and has additional functions.
1.4 SCOPE

The scopes of the project are:

1.4.1 A scale of 1:3 prototype is fabricated.
1.4.2 Maximum withstand weight is 10 KGs (prototype).
1.4.3 Fabricated for domestic usage only.