

DESIGN OF A BABY CARRIAGE

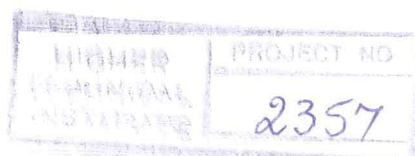
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## 1.2 INFORMATION SEARCH

Baby carriage is the mainly vehicle for the transportation of babies.

### 1.2.2 TYPES OF BABY CARRIAGE

During investigating for baby carriage lots of types have been found that are used in Cyprus.

Although that in Cyprus we don't have specialists and factories work on these designs we have importations from other countries especially from European ones.

We can observe baby carriage coming especially from England and Italy.

From England the most popular baby carriage mark is the Maclaren which gives gravitation in the safety and comfort of the baby. It also provides a stylish and sophisticated look as we can see in fig. 1.

From Italy we have the Caravel Perego baby carriage which we can see in fig. 2. From figures we see that these baby carriages offer very good stylish as well as comfort for the baby.

The mainly objectives of these marks is first of all the safety of the baby and when this is accomplished we go to the weight which must be light, to the stylish e.t.c.

We also can observe baby carriage coming from Creece. From fig. 3 we can see that are very complicated but give an elegant, comfortable design with European Safety specifications.

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### Acknowledgements

#### CHAPTER 1 (Needs analysis Phase)

RECOGNITION OF NEED

INFORMATION SEARCH

- Definition
- Types of baby carriage
- British standard specifications for safety requirements for baby carriage.

DEFINITION OF PROBLEM

#### CHAPTER 2 (Creativity Phase)

INTRODUCTION

POSSIBLE SOLUTIONS

#### CHAPTER 3 (Decision making Phase)

INTRODUCTION

POSSIBLE SOLUTIONS

#### CHAPTER 3 (Decision making Phase)

INTRODUCTION

DECISION MAKING

#### CHAPTER 4 (Optimization Phase)

The baby carriage's main body

The baby carriage height

The wheels

The carrycot

Forces on the design

Calculations of stresses

Design of bolts

Design the carrycot

DRAWINGS

APPENDIX