

Project title: Design of a 5 star Hotel.

INTRODUCTION

The project is concerned with the design of electrical and communication networks of a 5 star hotel. Professional engineers are concerned with design, feasibility studies and inspection of electrical equipment.

1. The plan:

- 1- Literature review of electrical specifications and electrical codes.
- 2- Schematic design of the project.
- 3- Designing of the electrical networks.
- 4- Designing of the communication networks.
- 5- Lighting design via calaculux or Dialux.
- 6- Voltage drop calculation and short circuit design via Etap.

2. The tasks required:

- a) A good knowledge of Etap and lighting software.
- b) The project needs a group of 4 or 5 students.